

# ATDB 2004

## PHP Handout

Vol. 1 : PHP short reference

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*Have a good time for discovering PHP with us...*

This short reference has been inspired by the Rasmus Lerdorf' book published O'Reilly :

*PHP Pocket Reference, second edition*

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## Using PHP and HTML together

You embed PHP code into a standard HTML page.

```
<html><head><title><?echo $title?></title>
</head>...
```

The `<?echo $title?>` portion of the document is replaced by the contents of the `$title` PHP variable. `echo` is a basic language statement that you can use to output data.

There are a few different ways to embed your PHP code. As you just saw, you can put PHP code between `<? and ?>` tags:

```
<? echo "Hello World"; ?>
<?php echo "Hello World"; ?>
<script language="php" > echo "Hello World";
</script>
```

One final style, in which the code is between `<% and %>` tags, is disabled by default (see the vol.3):

```
<% echo "Hello Ibadan"; %>
<?php
    echo "Hello Ibadan";
    echo "A second hello for everybody";
?>
```

## Including files

An important feature of PHP is its ability to include files. To include a file, use the `include` keyword:

```
<?php
    $title="My Cool Database Application developing during the TP";
    include "header.inc";
?>
```

The `header.inc` file might look as follows:

```
<html><head>
<title><?php echo $title?></title>
</head>
```

Other ways to include files are through `include_once`, `require`, and `require_once`.

## Language syntax

Variable names in PHP are case-sensitive. That means `$A` and `$a` are two distinct variables. However, function names in PHP are not case-sensitive. This rule applies to both built-in functions and user-defined functions.

PHP statements are terminated by semicolons.

There are three types of comments in PHP:

```
/* C style comments */
// C++ style comments
# Bourne shell style comments
```

## Variables in PHP

In PHP, all variable names begin with a dollar sign (\$). The \$ is followed by an alphabetic character or an underscore, and optionally followed by a sequence of alphanumeric characters and underscores. There is no limit on the length of a variable name. Variable names in PHP are case-sensitive. Here are some examples:

```
$i
$countner
$preferred_name
$_TMP
```

In PHP, unlike in many other languages, you do not have to explicitly declare variables. PHP automatically declares a variable the first time a value is assigned to it. PHP variables are untyped; you can assign a value of any type to a variable.

PHP uses a symbol table to store the list of variable names and their values. There are two kinds of symbol tables in PHP: the global symbol table, which stores the list of global variables, and the function-local symbol table, which stores the set of variables available inside each function.

## Dynamic Variables

Normally, you assign a variable like this:

```
$var = "hello";
```

Now you want a variable whose name is the value of the `$var` variable.

```
$$var = "Ibadan";
```

`$var` becomes `"hello"`. The expression that's left is  `$"hello" → $hello`. We have just created a new variable named `hello` and assigned it the value `"Ibandan"`. There is a special syntax for using dynamic variables, and any other complex variable, inside quoted strings in PHP:

```
echo "Hello ${$var}";
```

For example, you have an associative array (see vol. 3) that looks like:

```
$array["abc"] = "Hello";
$array["def"] = "Ibadan";
```

Associative arrays like this are returned by various functions in the PHP modules. It's handy to turn these entity names into real PHP variables, so you can refer to them as simply `$abc` and `$def`. This is done as follows:

```
foreach($array as $index=>$value) {
    $$index = $value;
}
```

# Data Types

## *Standard Data Types*

Type	Example	Description
Integer	5	A whole number
Double	3.14159265	A floating-point number
String	"Welcome to Ibadan"	A collection of characters
Boolean	true	One of the special values <code>true</code> or <code>false</code>
Object	animal	See vol 3. "Objects chapter"
Array		See vol 3. "Arrays Chapter"

PHP also provides two special data types:

## *Special Data Types*

Type	Description
Resource	Reference to a third-party resource (a database, for example)
NULL	An uninitialized variable

## *Functions to Test Data Types*

Function	Description
<code>is_array()</code>	Returns <code>true</code> if the argument is an array
<code>is_bool()</code>	Returns <code>true</code> if the argument is boolean
<code>is_double()</code>	Returns <code>true</code> if the argument is a double
<code>is_int()</code>	Returns <code>true</code> if the argument is an integer
<code>is_object()</code>	Returns <code>true</code> if the argument is an object
<code>is_string()</code>	Returns <code>true</code> if the argument is a string
<code>is_null()</code>	Returns <code>true</code> if the argument is null
<code>is_resource()</code>	Returns <code>true</code> if the argument is a resource

## *Functions to Convert Data Types*

Function	Description
<code>doubleval()</code>	Accepts a value and returns double equivalent
<code>intval()</code>	Accepts a value and returns integer equivalent
<code>strval()</code>	Accepts a value and returns string equivalent

## Operators and Expressions

### Arithmetic Operators

Operator	Name	Example	Example Result
<code>+</code>	Addition	<code>10+3</code>	<code>13</code>
<code>-</code>	Subtraction	<code>10-3</code>	<code>7</code>
<code>/</code>	Division	<code>10/3</code>	<code>3.33333333333333</code>
<code>*</code>	Multiplication	<code>10*3</code>	<code>30</code>
<code>%</code>	Modulus	<code>10%3</code>	<code>1</code>

### Some Combined Assignment Operators

Operator	Example	Equivalent to
<code>+=</code>	<code>\$x += 5</code>	<code>\$x = \$x + 5</code>
<code>-=</code>	<code>\$x -= 5</code>	<code>\$x = \$x - 5</code>
<code>/=</code>	<code>\$x /= 5</code>	<code>\$x = \$x / 5</code>
<code>*=</code>	<code>\$x *= 5</code>	<code>\$x = \$x * 5</code>
<code>%=</code>	<code>\$x %= 5</code>	<code>\$x = \$x % 5</code>
<code>.=</code>	<code>\$x .= " test"</code>	<code>\$x = \$x." test"</code>

The comparison operators.

### Comparison Operators

Operator	Name	Returns True if	Example (\$x is 4)	Result
<code>==</code>	Equivalence	Left is equivalent to right	<code>\$x == 5</code>	<code>false</code>
<code>!=</code>	Non-equivalence	Left is not equivalent to right	<code>\$x != 5</code>	<code>true</code>
<code>===</code>	Identical	Left is equivalent to right and they are the same type	<code>\$x === 5</code>	<code>false</code>
<code>&gt;</code>	Greater than	Left is greater than right	<code>\$x &gt; 4</code>	<code>false</code>

### Comparison Operators

Operator	Name	Returns True if	Example (\$x is 4)	Result
>=	Greater than or equal to	Left is greater than or equal to right	<code>\$x &gt;= 4</code>	true
<	Less than	Left is less than right	<code>\$x &lt; 4</code>	false
<=	Less than or equal to	Left is less than or equal to right	<code>\$x &lt;= 4</code>	true

The logical operators.

### Logical Operators

Operator	Name	Returns True if...	Example	Result
	Or	Left or right is true	<code>true    false</code>	true
or	Or	Left or right is true	<code>true    false</code>	true
xor	Xor	Left or right is true but not both	<code>true xor true</code>	false
&&	And	Left and right are true	<code>true &amp;&amp; false</code>	false
and	And	Left and right are true	<code>true &amp;&amp; false</code>	false
!	Not	The single operand is not true	<code>! true</code>	false

The following table lists the operators from highest to lowest precedence; the second column (A) shows the operators' associativity. These operators should be familiar to you if you have any C, Java, or Perl experience.

### Precedence Operators

Operators	A
!, ~, ++, --, @, (the casting operators)	Right
*, /, %	Left
+, -, .	Left
<<, >>	Left
<, <=, >=, >	Nonassociative
==, !=, ===, !==	Nonassociative
&	Left
^	Left
	Left
&&	Left
	Left
? : (conditional operator)	Left
=, +=, -=, *=, /=, %=, ^=, .=, &=,  =, <<=, >>=	Left
AND	Left
XOR	Left
OR	Left

# Control structures

The control structures in PHP are very similar to those used by the C language.

## .1 if

The `if` statement is a standard conditional found in most languages. Here are the two syntaxes for the `if` statement:

```
if(expr) {                if(expr):
    statements            statements
} elseif(expr) {         elseif(expr):
    statements            statements
} else {                 else:
    statements            statements
}                          endif;
```

## .2 switch

The `switch` statement can be used in place of a lengthy `if` statement. Here are the two syntaxes for `switch`:

```
switch(expr) {           switch(expr):
    case expr:            case expr:
        statements        statements
        break;            break;
    default:              default:
        statements        statements
        break;            break;
}                          endswitch;
```

The expression for each `case` statement is compared against the `switch` expression and, if they match, the code following that particular case is executed. The `break` keyword signals the end of a particular case; it may be omitted, which causes control to flow into the next case. If none of the `case` expressions match the `switch` expression, the `default` case is executed.

## .3 while

The `while` statement is a looping construct that repeatedly executes some code while a particular expression is `true`:

```
while(expr) {            while(expr):
    statements            statements
}                          endwhile;
```

The `while` expression is checked before the start of each iteration. If the expression evaluates to `true`, the code within the loop is executed. If the expression evaluates to `false`, however, execution skips to the code immediately following the `while` loop. It is possible to break out of a running loop at any time using the `break` keyword. This stops the current loop and, if control is within a nested set of loops, the next outer loop continues. It is also possible to break out of many levels of nested loops by passing a numerical argument to the `break` statement (`break n`) that specifies the number of nested loops it should break out of. You can skip the rest of a given loop and go onto the next iteration by using the `continue` keyword. With `continue n`, you can skip the current iterations of the `n` innermost loops.

## .4 do/while

The `do/while` statement is similar to the `while` statement, except that the conditional expression is checked at the end of each iteration instead of before:

```
do {
    statements
} while(expr);
```

Note that due to the order of the parts of this statement, there is only one valid syntax. If you only need to execute a single statement, you can omit the curly braces from the syntax. The `break` and `continue` statements work with this statement in the same way that they do with the `while` statement.

## .5 for

A `for` loop is a more complex looping construct than the simple `while` loop:

```
for(start_expr; cond_expr; iter_expr) {
    statements
}

for(start_expr; cond_expr; iter_expr):
    statements
endfor;
```

A `for` loop takes three expressions. The first is the start expression; it is evaluated once when the loop begins. This is generally used for initializing a loop counter. The second expression is a conditional expression that controls the iteration of the loop. This expression is checked prior to each iteration. The third expression, the iterative expression, is evaluated at the end of each iteration and is typically used to increment the loop counter. With the first form of the `for` statement, you can omit the braces if you only need to execute a single statement.

The `break` and `continue` statements work with a `for` loop like they do with a `while` loop, except that `continue` causes the iterative expression to be evaluated before the loop conditional expression is checked.

## .6 foreach

A `foreach` loop is used to loop through an array. Here are both forms of the syntax:

```
foreach(array_expression as $value) {
    statements
}

foreach(array_expression as $value):
    statements
endforeach;
```

This loops through the `array_expression` and assigns each value of the array to `$value` in turn. You can also get the key for each element with this syntax:

```
foreach(array_expression as $key=>$value) {
    statements
}
```

The `break` and `continue` statements work with a `foreach` loop like they do with a `for` loop.

# Functions

A function is a named sequence of code statements that can optionally accept parameters and return a value. A function call is an expression that has a value; its value is the returned value from the function. PHP provides a large number of internal functions. The " Short Function Reference" section lists all of the commonly available functions. PHP also supports user-definable functions. To define a function, use the `function` keyword.

```
function check($a, $b, $c) {
    return "checking, $a, $b, $c";
}
```

When you define a function, be careful what name you give it. In particular, you need to make sure that the name does not conflict with any of the internal PHP functions. After you define a function, you call it by passing in the appropriate arguments.

```
Echo checking(4, 5, 6);
```

You can also create functions with optional parameters. To do so, you set a default value for each optional parameter in the definition, using C++ style.

```
function check($a=1, $b=2, $c=3) {
    return "checking, $a, $b, $c";
}
```

## .1 Passing Arguments to Functions

There are two ways you can pass arguments to a function: by value and by reference. To pass an argument by value, you pass in any valid expression. That expression is evaluated and the value is assigned to the corresponding parameter defined within the function. Any changes you make to the parameter within the function have no effect on the argument passed to the function.

In contrast, when you pass an argument by reference, changes to the parameter within the function do affect the value of the argument outside the scope of the function.

```
function triple(&$x) {
    $x=$x*3;
    return $x;
}
$var=10;
triple($var);
```

The `&` that precedes `$x` in the `triple()` function definition causes the argument to be passed by reference, so the end result is that `$var` ends up with a value of 30.

## 2 Variable Scope

The scope of a variable is the context within which a variable is available. There are two scopes for variables in PHP. Global variables are available directly from the mainline PHP execution. In order to access a globally-scoped variable from inside a function, you need to tell the function to use the global scope for that particular variable. It can be done with the `global` keyword.

Alternatively, you can use the `$GLOBALS` array.

```
<?php
function test( ) {
    echo $GLOBALS['a'];
}

$a = "Hello Ibadan";
test( );
?>
```

In this example, the `$GLOBALS` array is known as a *superglobal*, which is a variable that is automatically available in all scopes without needing to be declared global in order to be accessed from within a function.

### 3 Static Variables

PHP supports declaring local function variables as `static`. A static variable retains its value between function calls, but is still accessible only from within the function it is declared in. Static variables can be initialized; this initialization only takes place the first time the `static` declaration is executed. Static variables are often used as counters.

## Short Function Reference

The rest of this reference provides an alphabetical summary of the functions that are available in PHP. [the number in brackets is the version of PHP.]

`int abs(int number)` 3.0

Returns the absolute value of the number

`float acos(float number)` 3.0

Returns the arc cosine of the number in radians

`float acosh(float number)` 4.1.0

Returns the inverse hyperbolic cosine of the number (i.e., the value whose hyperbolic cosine is `number`)

`string addslashes(string str, string charlist)` 4.0

Escapes all characters mentioned in `charlist` with backslashes, creating octal representations if asked to backslash characters with their 8th bit set or with an ASCII value greater than 32 (except `'\n'`, `'\r'`, `'\t'`, etc.)

`string addslashes(string str)` 3.0

Escapes single quotes, double quotes, and backslash characters in a string with backslashes

`AND` 4.0

Language keyword that is similar to the `&&` operator, except with lower precedence

`bool apache_child_terminate(void)` 4.0.5

Terminates Apache process after this request

`object apache_lookup_uri(string URI)` 3.0.4

Performs a partial request of the given URI to obtain information about it

`string apache_note(string note_name[, string note_value])` 3.0.2

Gets and sets Apache request notes

`array apache_request_headers(void)` 4.3.0

Fetches all HTTP request headers

`array apache_response_headers(void)` 4.3.0

Fetches all HTTP response headers

`bool apache_setenv(string variable, string value[, bool walk_to_top])` 4.1.0

Sets an Apache `subprocess_env` variable

`array array([mixed var[, ...]])` 3.0

Creates an array

`array array_change_key_case(array input[, int case=CASE_LOWER])` 4.1.0

Returns an array with all string keys lowercased (or uppercased)

`array array_chunk(array input, int size[, bool preserve_keys])` 4.1.0

Splits array into chunks

`array array_count_values(array input)` 4.0

Returns the value as key and the frequency of that value in `input` as value

`array array_diff(array arr1, array arr2[, array ...])` 4.0.1

Returns the entries of `arr1` that have values that are not present in any of the others arguments

`array array_fill(int start_key, int num, mixed val)` 4.1.0

Creates an array containing `num` elements starting with index `start_key` each initialized to `val`

`array array_filter(array input[, mixed callback])` 4.0.6

Filters elements from the array via the callback

array array\_flip(array input) 4.0

Returns array with key/value pairs flipped

array array\_intersect(array arr1, array arr2[, array ...]) 4.0.1

Returns the entries of `arr1` that have values that are present in all the other arguments

bool array\_key\_exists(mixed key, array search) 4.1.0

Checks if the given key or index exists in the array

array array\_keys(array input[, mixed search\_value]) 4.0

Returns just the keys from the input array, optionally for only the specified `search_value`

array array\_map(mixed callback, array input1[, array input2 ,...]) 4.0.6

Applies the callback to the elements in the given arrays

array array\_merge(array arr1, array arr2[, array ...]) 4.0

Merges elements from passed arrays into one array

array array\_merge\_recursive(array arr1, array arr2[, array ...]) 4.0.1

Recursively merges elements from passed arrays into one array

bool array\_multisort(array ar1[, SORT\_ASC|SORT\_DESC[, SORT\_REGULAR|SORT\_NUMERIC|SORT\_STRING]][, array ar2[, SORT\_ASC|SORT\_DESC[, SORT\_REGULAR|SORT\_NUMERIC|SORT\_STRING]], ...]) 4.0

Sorts multiple arrays at once similar to how `ORDER BY` clause works in SQL

array array\_pad(array input, int pad\_size, mixed pad\_value) 4.0

Returns a copy of input array padded with `pad_value` to size `pad_size`

mixed array\_pop(array stack) 4.0

Pops an element off the end of the array

int array\_push(array stack, mixed var[, mixed ...]) 4.0

Pushes elements onto the end of the array

mixed array\_rand(array input[, int num\_req]) 4.0

Returns key/keys for random entry/entries in the array

mixed array\_reduce(array input, mixed callback[, int initial]) 4.0.5

Iteratively reduces the array to a single value via the callback

array array\_reverse(array input[, bool preserve keys]) 4.0

Returns `input` as a new array with the order of the entries reversed

mixed array\_search(mixed needle, array haystack[, bool strict]) 4.0.5

Searches the array for a given value and returns the corresponding key if successful

mixed array\_shift(array stack) 4.0

Pops an element off the beginning of the array

array array\_slice(array input, int offset[, int length]) 4.0

Returns elements specified by `offset` and `length`

array array\_splice(array input, int offset[, int length[, array replacement]]) 4.0

Removes the elements designated by `offset` and `length` and replaces them with supplied array

mixed array\_sum(array input) 4.0.4

Returns the sum of the array entries

array array\_unique(array input) 4.0.1

Removes duplicate values from array

int array\_unshift(array stack, mixed var[, mixed ...]) 4.0

Pushes elements onto the beginning of the array

array array\_values(array input) 4.0

Returns just the values from the input array

bool array\_walk(array input, string funcname[, mixed userdata]) 3.0.3

Applies a user function to every member of an array

bool arsort(array array\_arg[, int sort\_flags]) 3.0

Sorts an array in reverse order and maintains index association

float asin(float number) 3.0

Returns the arc sine of the number in radians

float asinh(float number) 4.1.0

Returns the inverse hyperbolic sine of the number (i.e., the value whose hyperbolic sine is `number`)

`bool asort(array array_arg[, int sort_flags])` 3.0

Sorts an array and maintains index association

`int aspell_check(aspell int, string word)` 3.0.7

Returns if `word` is valid

`int aspell_check_raw(aspell int, string word)` 3.0.7

Returns if `word` is valid, ignoring case and without trying to trim it in any way

`int aspell_new(string master[, string personal])` 3.0.7

Loads a dictionary

`array aspell_suggest(aspell int, string word)` 3.0.7

Returns an array of spelling suggestions

`int assert(string|bool assertion)` 4.0

Checks if `assertion` is `false`

`mixed assert_options(int what[, mixed value])` 4.0

Sets or gets the various assert flags

`float atan(float number)` 3.0

Returns the arc tangent of the number in radians

`float atan2(float y, float x)` 3.0.5

Returns the arc tangent of `y/x`, with the resulting quadrant determined by the signs of `y` and `x`

`float atanh(float number)` 4.1.0

Returns the inverse hyperbolic tangent of the number (i.e., the value whose hyperbolic tangent is `number`)

`string base64_decode(string str)` 3.0

Decodes string using MIME base64 algorithm

`string base64_encode(string str)` 3.0

Encodes string using MIME base64 algorithm

`string base_convert(string number, int frombase, int tobase)` 3.0.6

Converts a number in a string from any base to any other base (where both bases are less than or equal to 36)

string basename(string path[, string suffix]) 3.0

Returns the filename component of the path

string bcadd(string left\_operand, string right\_operand[, int scale]) 3.0

Returns the sum of two arbitrary precision numbers

string bccomp(string left\_operand, string right\_operand[, int scale]) 3.0

Compares two arbitrary precision numbers

string bcddiv(string left\_operand, string right\_operand[, int scale]) 3.0

Returns the quotient of two arbitrary precision numbers (division)

string bcmathod(string left\_operand, string right\_operand) 3.0

Returns the modulus of the two arbitrary precision operands

string bcmul(string left\_operand, string right\_operand[, int scale]) 3.0

Returns the product of two arbitrary precision numbers

string bcpow(string x, string y[, int scale]) 3.0

Returns the value of an arbitrary precision number raised to the power of another arbitrary precision number

string bcscale(int scale) 3.0

Sets default scale parameter for all BC math functions

string bcsqrt(string operand[, int scale]) 3.0

Returns the square root of an arbitrary precision number

string bcsub(string left\_operand, string right\_operand[, int scale]) 3.0

Returns the difference between two arbitrary precision numbers

string bin2hex(string data) 3.0.9

Converts the binary representation of data to hexadecimal

string bind\_textdomain\_codeset (string domain, string codeset) 4.1.0

Specifies the character encoding in which the messages from the `DOMAIN` message catalog will be returned

`int bindec(string binary_number)` 3.0

Returns the decimal equivalent of a binary number

`string bindtextdomain(string domain_name, string dir)` 3.0.7

Binds to the text domain `domain_name`, looking for translations in `dir`; returns the current domain

`break` 3.0

Language keyword used inside `switch` statements and loops

`string bzcompress(string source[, int blocksize100k[, int workfactor]])` 4.0.4

Compresses a string into BZip2 encoded data

`string bzdecompress(string source[, int small])` 4.0.4

Decompresses BZip2 compressed data

`int bzerrno(resource bz)` 4.0.4

Returns the error number

`array bzerror(resource bz)` 4.0.4

Returns the error number and error string in an associative array

`string bzerrstr(resource bz)` 4.0.4

Returns the error string

`resource bzopen(string|int file|fp, string mode)` 4.0.4

Opens a new BZip2 stream

`string bzread(int bz[, int length])` 4.0.4

Reads up to `length` bytes from a BZip2 stream, or 1,024 bytes if `length` is not specified

`int cal_days_in_month(int calendar, int month, int year)` 4.1.0

Returns the number of days in a month for a given year and calendar

`array cal_from_jd(int jd, int calendar)` 4.1.0

Converts from Julian day count to a supported calendar and returns extended information

`array cal_info(int calendar)` 4.1.0

Returns information about a particular calendar

`int cal_to_jd(int calendar, int month, int day, int year)` 4.1.0

Converts from a supported calendar to Julian day count

mixed `call_user_func(string function_name[, mixed parameter][, mixed ...])` 3.0.3

Calls a user function that is the first parameter

mixed `call_user_func_array(string function_name, array parameters)` 4.0.4

Calls a user function that is the first parameter with the arguments contained in `array`

mixed `call_user_method(string method_name, mixed object[, mixed parameter][, mixed ...])` 3.0.3

Calls a user method on a specific object or class

mixed `call_user_method_array(string method_name, mixed object, array params)` 4.0.5

Calls a user method on a specific object or class using a parameter array

case arg: 3.0

Language keyword used inside a `switch` statement

float `ceil(float number)` 3.0

Returns the next highest integer value of the number

bool `chdir(string directory)` 3.0

Changes the current directory

bool `checkdate(int month, int day, int year)` 3.0

Returns `true` if passed a valid date in the Gregorian calendar

int `checkdnsrr(string host[, string type])` 3.0

Checks DNS records corresponding to a given Internet host name or IP address

bool `chgrp(string filename, mixed group)` 3.0

Changes file group

bool `chmod(string filename, int mode)` 3.0

Changes file mode

bool `chown (string filename, mixed user)` 3.0

Changes file owner

string `chr(int ascii)` 3.0

Converts ASCII code to a character

bool `chroot(string directory)` 4.0.5

Changes root directory

string `chunk_split(string str[, int chunklen[, string ending]])` 3.0.6

Returns split line

class `class_name` 3.0

Language keyword that defines a class

bool `class_exists(string classname)` 4.0

Checks if the class exists

void `clearstatcache(void)` 3.0

Clears file stat cache

void `closedir([resource dir_handle])` 3.0

Closes directory connection identified by `dir_handle`

bool `closelog(void)` 3.0

Closes connection to system logger

array `compact(mixed var_names[, mixed ...])` 4.0

Creates a hash containing variables and their values

int `connection_aborted(void)` 3.0.7

Returns `true` if client disconnected

int `connection_status(void)` 3.0.7

Returns the connection status bitfield

mixed `constant(string const_name)` 4.0.4

Returns the associated value, given the name of a constant

`continue` 3.0

Language keyword used inside loops to skip to the next iteration

bool `copy(string source_file, string destination_file)` 3.0

Copies a file

float cos(float number) 3.0

Returns the cosine of the number in radians

float cosh(float number) 4.1.0

Returns the hyperbolic cosine of the number

int count(mixed var[, int mode]) 3.0

Counts the number of elements in a variable (usually an array)

mixed count\_chars(string input[, int mode]) 4.0

Returns information about what characters are used in `input`

string crack\_check([int dictionary,] string password) 4.0.5

Performs an obscure check with the given password

string crack\_closedict([int link\_idenfier]) 4.0.5

Closes an open cracklib dictionary

string crack\_getlastmessage(void) 4.0.5

Returns the message from the last obscure check

string crack\_opendict(string dictionary) 4.0.5

Opens a new cracklib dictionary

string crc32(string str) 4.0.1

Calculates the crc32 polynomial of a string

string create\_function(string args, string code) 4.0.1

Creates an anonymous function and returns its name

string crypt(string str[, string salt]) 3.0

Encrypts a string

bool ctype\_alnum(mixed c) 4.0.4

Checks for alphanumeric character(s)

bool ctype\_alpha(mixed c) 4.0.4

Checks for alphabetic character(s)

bool ctype\_cntrl(mixed c) 4.0.4

Checks for control character(s)

bool ctype\_digit(mixed c) 4.0.4

Checks for numeric character(s)

bool ctype\_graph(mixed c) 4.0.4

Checks for any printable character(s) except space

bool ctype\_lower(mixed c) 4.0.4

Checks for lowercase character(s)

bool ctype\_print(mixed c) 4.0.4

Checks for printable character(s)

bool ctype\_punct(mixed c) 4.0.4

Checks for any printable character that is not whitespace or an alphanumeric character

bool ctype\_space(mixed c) 4.0.4

Checks for whitespace character(s)

bool ctype\_upper(mixed c) 4.0.4

Checks for uppercase character(s)

bool ctype\_xdigit(mixed c) 4.0.4

Checks for character(s) representing a hexadecimal digit

void curl\_close(resource ch) 4.0.2

Closes a CURL session

int curl\_errno(resource ch) 4.0.3

Returns an integer containing the last error number

string curl\_error(resource ch) 4.0.3

Returns a string contain the last error for the current session

bool curl\_exec(resource ch) 4.0.2

Performs a CURL session

string `curl_getinfo(resource ch, int opt)` 4.0.4

Gets information regarding a specific transfer

resource `curl_init([string url])` 4.0.2

Initializes a CURL session

bool `curl_setopt(resource ch, string option, mixed value)` 4.0.2

Sets an option for a CURL transfer

string `curl_version(void)` 4.0.2

Returns the CURL version string.

mixed `current(array array_arg)` 3.0

Returns the element currently pointed to by the internal array pointer

string `date(string format[, int timestamp])` 3.0

Formats a local time/date

void `dba_close(int handle)` 3.0.8

Closes the database

bool `dba_delete(string key, int handle)` 3.0.8

Deletes the entry associated with key

bool `dba_exists(string key, int handle)` 3.0.8

Checks if the specified key exists

string `dba_fetch(string key, int handle)` 3.0.8

Fetches the data associated with key

string `dba_firstkey(int handle)` 3.0.8

Resets the internal key pointer and returns the first key

bool `dba_insert(string key, string value, int handle)` 3.0.8

Inserts value as key; returns `false` if key exists already

string `dba_nextkey(int handle)` 3.0.8

Returns the next key

`int dba_open(string path, string mode, string handlername[, string ...])` 3.0.8

Opens path using the specified handler in specified mode

`bool dba_optimize(int handle)` 3.0.8

Optimizes database

`int dba_popen(string path, string mode, string handlername[, string ...])` 3.0.8

Opens path persistently using the specified handler in specified mode

`bool dba_replace(string key, string value, int handle)` 3.0.8

Inserts value as key; replaces key if key exists already

`bool dba_sync(int handle)` 3.0.8

Synchronizes database

`string dblist(void)` 3.0

Describes the DBM-compatible library being used

`bool dbmclose(int dbm_identifier)` 3.0

Closes a DBM database

`int dbmdelete(int dbm_identifier, string key)` 3.0

Deletes the value for a key from a DBM database

`int dbmexists(int dbm_identifier, string key)` 3.0

Tells if a value exists for a key in a DBM database

`string dbmfetch(int dbm_identifier, string key)` 3.0

Fetches a value for a key from a DBM database

`string dbmfirstkey(int dbm_identifier)` 3.0

Retrieves the first key from a DBM database

`int dbminsert(int dbm_identifier, string key, string value)` 3.0

Inserts a value for a key in a DBM database

`string dbmnextkey(int dbm_identifier, string key)` 3.0

Retrieves the next key from a DBM database

`int dbmopen(string filename, string mode) 3.0`

Opens a DBM database

`int dbmreplace(int dbm_identifier, string key, string value) 3.0`

Replaces the value for a key in a DBM database

`bool dbx_close(dbx_link_object dbx_link) 4.0.6`

Closes an open connection/database

`int dbx_compare(array row_x, array row_y, string columnname[, int flags]) 4.1.0`

Compares two rows for sorting purposes

`dbx_link_object dbx_connect(string module_name, string host, string db, string username, string password[, bool persistent]) 4.0.6`

Opens a connection/database; returns `dbx_link_object` on success or 0 on failure

`void dbx_error(dbx_link_object dbx_link) 4.0.6`

Reports the error message of the latest function call in the module

`dbx_result_object dbx_query(dbx_link_object dbx_link, string sql_statement[, long flags]) 4.0.6`

Sends a query and fetches all results; returns a `dbx_link_object` on success or 0 on failure

`int dbx_sort(object dbx_result, string compare_function_name) 4.0.6`

Sorts a result from `dbx_query()` by a custom sort function

`string dcgettext(string domain_name, string msgid, long category) 3.0.7`

Returns the translation of `msgid` for `domain_name` and `category` or `msgid` unaltered if a translation does not exist

`string dcngettext (string domain, string msgid1, string msgid2, int n, int category) 4.1.0`

Plural version of `dcgettext()`

`void debug_zval_dump(mixed var) 4.1.0`

Dumps a string representation of an internal Zend value to output

`string decbin(int decimal_number) 3.0`

Returns a string containing a binary representation of the number

`string dechex(int decimal_number) 3.0`

Returns a string containing a hexadecimal representation of the number

`declare(directive)` 4.0.2

Language keyword used to mark a block of code; only used for ticks at this point

`string decoct(int decimal_number)` 3.0

Returns a string containing an octal representation of the number

default: 3.0

Language keyword used inside a `switch` statement

`bool define(string constant_name, mixed value, case_sensitive=true)` 3.0

Defines a new constant

`void define_syslog_variables(void)` 3.0

Initializes all syslog-related variables

`bool defined(string constant_name)` 3.0

Checks whether a constant exists

`float deg2rad(float number)` 3.0.4

Converts the number in degrees to the radian equivalent

`string dgettext(string domain_name, string msgid)` 3.0.7

Returns the translation of `msgid` for `domain_name` or `msgid` unaltered if a translation does not exist

`object dir(string directory)` 3.0

Directory class with properties for handle and class and methods to read, rewind, and close

`string dirname(string path)` 3.0

Returns the directory name component of the path

`float disk_free_space(string path)` 4.1.0

Gets free disk space for filesystem that path is on

`float disk_total_space(string path)` 4.1.0

Gets total disk space for filesystem that path is on

`int dl(string extension_filename)` 3.0

Loads a PHP extension at runtime

string `dngettext` (string domain, string msgid1, string msgid2, int count) 4.1.0

Plural version of `dgettext( )`

`do` 3.0

Language keyword that forms the start of a `do/while` loop

array `each`(array arr) 3.0

Returns the current key/value pair in the passed array and advances the pointer to the next element

int `easter_date`([int year]) 3.0.9

Returns the timestamp of midnight on Easter of a given year (defaults to current year)

int `easter_days`([int year, [int method]]) 3.0.9

Returns the number of days after March 21 that Easter falls on for a given year (defaults to current year)

echo string `arg1` [, string `argn...`] 3.0

Outputs one or more strings

`else` 3.0

Language keyword that reverses the current condition

`elseif`(cond) 3.0

Language keyword that tests a condition only if current condition was not met

bool `empty`(mixed var) 3.0

Determines whether a variable is empty

mixed `end`(array array\_arg) 3.0

Advances array argument's internal pointer to the last element and returns it

`enddeclare` 4.0.2

Language keyword that ends a `declare:` block

`endfor` 3.0

Language keyword that ends a `for:` block

`endforeach` 4.0

Language keyword that ends a `foreach:` block

`endif` 3.0

Language keyword that ends an `if:` block

`endswitch` 3.0

Language keyword that ends a `switch:` block

`endwhile` 3.0

Language keyword that ends a `while:` block

`int ereg(string pattern, string string[, array registers])` 3.0

Performs a regular expression match

`string ereg_replace(string pattern, string replacement, string string)` 3.0

Performs a regular expression replacement

`int eregi(string pattern, string string[, array registers])` 3.0

Performs a case-insensitive regular expression match

`string eregi_replace(string pattern, string replacement, string string)` 3.0

Performs a case-insensitive regular expression replacement

`bool error_log(string message, int message_type[, string destination][, string extra_headers])` 3.0

Sends an error message somewhere

`int error_reporting(int new_error_level=null)` 3.0

Returns the current `error_reporting` level, and, if an argument was passed, changes to the new level

`string escapeshellarg(string arg)` 4.0.3

Quotes and escapes an argument for use in a shell command

`string escapeshellcmd(string command)` 3.0

Escapes shell metacharacters

`mixed eval(string code_str)` 3.0

Evaluates a string as PHP code

`string exec(string command[, array output[, int return_value]])` 3.0

Executes an external program

`int exif_imagetype(string imagefile)` 4.3.0

Gets the type of an image

`array|false exif_read_data(string filename[, sections_needed[, sub_arrays[, read_thumbnail]])` 4.1.0

Reads header data from the JPEG/TIFF image filename and optionally reads the internal thumbnails

`string|false exif_tagname(index)` 4.1.0

Gets header name for `index` or `false` if not defined

`string|false exif_thumbnail(string filename[, &width, &height[, &imagetype]])` 4.1.0

Reads the embedded thumbnail

`exit` `[[mixed status]]` 3.0

Language keyword that terminates execution of the script and prints status just before exiting

`float exp(float number)` 3.0

Returns `e` raised to the power of the number

`array explode(string separator, string str[, int limit])` 3.0

Splits a string on string separator and returns an array of components

`float expm1(float number)` 4.1.0

Returns `exp(number) - 1`, computed in a way that is accurate even when the value of `number` is close to zero

`extends` 3.0

Language keyword used in a class definition to extend from a parent class

`bool extension_loaded(string extension_name)` 3.0.10

Returns `true` if the named extension is loaded

`int extract(array var_array[, int extract_type[, string prefix]])` 3.0.7

Imports variables into symbol table from an array

`int ezmlm_hash(string addr)` 3.0.17

Calculate EZMLM list hash value

`bool fclose(resource fp)` 3.0

Closes an open file pointer

`bool feof(resource fp)` 3.0

Tests for end-of-file on a file pointer

`bool fflush(resource fp)` 4.0.1

Flushes output

`string fgetc(resource fp)` 3.0

Gets a character from file pointer

`array fgetcsv(resource fp, int length[, string delimiter[, string enclosure]])` 3.0.8

Gets a line from file pointer and parses for CSV fields

`string fgets(resource fp[, int length])` 3.0

Gets a line from file pointer

`string fgetss(resource fp, int length[, string allowable_tags])` 3.0

Gets a line from file pointer and strips HTML tags

`array file(string filename[, bool use_include_path])` 3.0

Reads entire file into an array

`bool file_exists(string filename)` 3.0

Returns `true` if filename exists

`string file_get_contents(string filename[, bool use_include_path])` 4.3.0

Reads the entire file into a string

`resource file_get_wrapper_data(resource fp)` 4.3.0

Retrieves header/metadata from wrapped file pointer

`bool file_register_wrapper(string protocol, string classname)` 4.3.0

Registers a custom URL protocol handler class

`int fileatime(string filename)` 3.0

Gets last access time of file

`int filectime(string filename)` 3.0

Gets inode modification time of file

`int filegroup(string filename) 3.0`

Gets file group

`int fileinode(string filename) 3.0`

Gets file inode

`int filemtime(string filename) 3.0`

Gets last modification time of file

`int fileowner(string filename) 3.0`

Gets file owner

`int fileperms(string filename) 3.0`

Gets file permissions

`int filesize(string filename) 3.0`

Gets file size

`string filetype(string filename) 3.0`

Gets file type

`float floatval(mixed var) 4.1.0`

Gets the `float` value of a variable

`bool flock(resource fp, int operation[, int &wouldblock]) 3.0.7`

Provides portable file locking

`float floor(float number) 3.0`

Returns the next lowest integer value from the number

`void flush(void) 3.0`

Flushes the output buffer

`float fmod(float x, float y) 4.1.0`

Returns the remainder of dividing `x` by `y` as a `float`

`bool fnmatch(string pattern, string filename[, int flags]) 4.3.0`

Matches filename against pattern

resource fopen(string filename, string mode[, bool use\_include\_path[, resource context]]) 3.0

Opens a file or a URL and returns a file pointer

for(init; cond; inc) 3.0

Language keyword that implements a traditional `for` loop

foreach(array as key=>value) 4.0

Language keyword that iterates through `array` and assigns each element to `key` and `value`

int fpassthru(resource fp) 3.0

Outputs all remaining data from a file pointer

string fread(resource fp, int length) 3.0

Provides a binary-safe file read

int frenchtojd(int month, int day, int year) 3.0

Converts a French Republic calendar date to Julian day count

mixed fscanf(string str, string format[, string ...]) 4.0.1

Implements a mostly ANSI-compatible `fscanf( )`

int fseek(resource fp, int offset[, int whence]) 3.0

Seeks on a file pointer

int fsockopen(string hostname, int port[, int errno[, string errstr[, float timeout]])] 3.0

Opens an Internet or Unix domain socket connection

int fstat(resource fp) 4.0

Performs `stat( )` on a filehandle

int ftell(resource fp) 3.0

Gets file pointer's read/write position

int ftok(string pathname, string proj) 4.1.0

Converts a pathname and a project identifier to a System V IPC key

int ftp\_async\_continue(resource stream) 4.3.0

Continues retrieving/sending a file asynchronously

`bool ftp_async_fget(resource stream, resource fp, string remote_file, int mode[, int resumepos])` 4.3.0

Retrieves a file from the FTP server asynchronously and writes it to an open file

`bool ftp_async_fput(resource stream, string remote_file, resource fp, int mode[, int startpos])` 4.3.0

Stores a file from an open file to the FTP server asynchronously

`int ftp_async_get(resource stream, string local_file, string remote_file, int mode[, int resume_pos])` 4.3.0

Retrieves a file from the FTP server asynchronously and writes it to a local file

`bool ftp_async_put(resource stream, string remote_file, string local_file, int mode[, int startpos])` 4.3.0

Stores a file on the FTP server

`bool ftp_cdup(resource stream)` 3.0.13

Changes to the parent directory

`bool ftp_chdir(resource stream, string directory)` 3.0.13

Changes directories

`void ftp_close(resource stream)` 4.1.0

Closes the FTP stream

`resource ftp_connect(string host[, int port[, int timeout]])` 3.0.13

Opens an FTP stream

`bool ftp_delete(resource stream, string file)` 3.0.13

Deletes a file

`bool ftp_exec(resource stream, string command)` 4.0.3

Requests execution of a program on the FTP server

`bool ftp_fget(resource stream, resource fp, string remote_file, int mode[, int resumepos])` 3.0.13

Retrieves a file from the FTP server and writes it to an open file

`bool ftp_fput(resource stream, string remote_file, resource fp, int mode[, int startpos])` 3.0.13

Stores a file from an open file to the FTP server

`bool ftp_get(resource stream, string local_file, string remote_file, int mode[, int resume_pos])` 3.0.13

Retrieves a file from the FTP server and writes it to a local file

mixed ftp\_get\_option(resource stream, int option) 4.1.0

Gets an FTP option

bool ftp\_login(resource stream, string username, string password) 3.0.13

Logs into the FTP server

int ftp\_mdtm(resource stream, string filename) 3.0.13

Returns the last modification time of the file or -1 on error

string ftp\_mkdir(resource stream, string directory) 3.0.13

Creates a directory and returns the absolute path for the new directory or `false` on error

array ftp\_nlist(resource stream, string directory) 3.0.13

Returns an array of filenames in the given directory

bool ftp\_pasv(resource stream, bool pasv) 3.0.13

Turns passive mode on or off

bool ftp\_put(resource stream, string remote\_file, string local\_file, int mode[, int startpos]) 3.0.13

Stores a file on the FTP server

string ftp\_pwd(resource stream) 3.0.13

Returns the present working directory

array ftp\_rawlist(resource stream, string directory[, bool recursive]) 3.0.13

Returns a detailed listing of a directory as an array of output lines

bool ftp\_rename(resource stream, string src, string dest) 3.0.13

Renames the given file to a new path

bool ftp\_rmdir(resource stream, string directory) 3.0.13

Removes a directory

bool ftp\_set\_option(resource stream, int option, mixed value) 4.1.0

Sets an FTP option

bool ftp\_site(resource stream, string cmd) 3.0.15

Sends a `site` command to the server

`int ftp_size(resource stream, string filename)` 3.0.13

Returns the size of the file or -1 on error

`string ftp_systype(resource stream)` 3.0.13

Returns the system type identifier

`int ftruncate(resource fp, int size)` 4.0

Truncates file to `size` length

`mixed func_get_arg(int arg_num)` 4.0

Gets the specified argument that was passed to the function

`array func_get_args( )` 4.0

Gets an array of the arguments that were passed to the function

`int func_num_args(void)` 4.0

Gets the number of arguments that were passed to the function

`function func_name($arg1, $arg2, ...)` 3.0

Language keyword used to define a function

`bool function_exists(string function_name)` 3.0.7

Checks if the function exists

`int fwrite(resource fp, string str[, int length])` 3.0

Provides a binary-safe file write

`string get_cfg_var(string option_name)` 3.0

Gets the value of a PHP configuration option

`string get_class(object object)` 4.0

Retrieves the class name

`array get_class_methods(mixed class)` 4.0

Returns an array of method names for class or class instance

`array get_class_vars(string class_name)` 4.0

Returns an array of default properties of the class

string `get_current_user(void)` 3.0

Gets the name of the owner of the current PHP script

array `get_declared_classes(void)` 4.0

Returns an array of all declared classes

array `get_defined_constants(void)` 4.1.0

Returns an array containing the names and values of all defined constants

array `get_defined_functions(void)` 4.0.4

Returns an array of all defined functions

array `get_defined_vars(void)` 4.0.4

Returns an associative array of names and values of all currently defined variable names (variables in the current scope)

array `get_extension_funcs(string extension_name)` 4.0

Returns an array with the names of functions belonging to the named extension

array `get_html_translation_table([int table[, int quote_style]])` 4.0

Returns the internal translation table used by `htmlspecialchars()` and `htmlentities()`

array `get_included_files(void)` 4.0

Returns an array with the filenames that were included with `include_once`

array `get_loaded_extensions(void)` 4.0

Returns an array containing names of loaded extensions

int `get_magic_quotes_gpc(void)` 3.0.6

Gets the active configuration setting of `magic_quotes_gpc`

int `get_magic_quotes_runtime(void)` 3.0.6

Gets the active configuration setting of `magic_quotes_runtime`

array `get_meta_tags(string filename[, bool use_include_path])` 3.0.4

Extracts all meta tag content attributes from a file and returns an array

array `get_object_vars(object obj)` 4.0

Returns an array of object properties

string `get_parent_class(mixed object)` 4.0

Retrieves the parent class name for object or class

string `get_resource_type(resource res)` 4.0.2

Gets the resource type name for a given resource

array `getallheaders(void)` 3.0

An alias for `apache_request_headers( )`

mixed `getcwd(void)` 4.0

Gets the current directory

array `getdate([int timestamp])` 3.0

Gets date/time information

string `getenv(string varname)` 3.0

Gets the value of an environment variable

string `gethostbyaddr(string ip_address)` 3.0

Gets the Internet hostname corresponding to a given IP address

string `gethostbyname(string hostname)` 3.0

Gets the IP address corresponding to a given Internet hostname

array `gethostbyname1(string hostname)` 3.0

Returns a list of IP addresses that a given hostname resolves to

array `getimagesize(string imagefile[, array info])` 3.0

Gets the size of an image as a four-element array

int `getlastmod(void)` 3.0

Gets time of last page modification

int `getmxrr(string hostname, array mxhosts[, array weight])` 3.0

Gets MX records corresponding to a given Internet hostname

int `getmygid(void)` 4.1.0

Gets PHP script owner's group ID

`int getmyinode(void)` 3.0

Gets the inode of the current script being parsed

`int getmypid(void)` 3.0

Gets current process ID

`int getmyuid(void)` 3.0

Gets PHP script owner's user ID

`int getprotobyname(string name)` 4.0

Returns protocol number associated with `name` as per `/etc/protocols`

`string getprotobynumber(int proto)` 4.0

Returns protocol name associated with protocol number `proto`

`int getrandmax(void)` 3.0

Returns the maximum value a random number can have

`array getrusage([int who])` 3.0.7

Returns an array of usage statistics

`int getservbyname(string service, string protocol)` 4.0

Returns port associated with service; protocol must be `"tcp"` or `"udp"`

`string getservbyport(int port, string protocol)` 4.0

Returns service name associated with port; protocol must be `"tcp"` or `"udp"`

`string gettext(string msgid)` 3.0.7

Returns the translation of `msgid` for the current domain or `msgid` unaltered if a translation does not exist

`array gettimeofday(void)` 3.0.7

Returns the current time as array

`string gettype(mixed var)` 3.0

Returns the type of the variable

`array glob(string pattern[, int flags])` 4.3.0

Finds pathnames matching a pattern

global var1[,var2[, ...]] 3.0

Language keyword used inside functions to indicate all uses for specified variables will be global

string gmdate(string format[, int timestamp]) 3.0

Formats a GMT/UTC date/time

int gmmktime(int hour, int min, int sec, int mon, int day, int year) 3.0

Gets Unix timestamp for a GMT date

resource gmp\_abs(resource a) 4.0.4

Calculates absolute value

resource gmp\_add(resource a, resource b) 4.0.4

Adds *a* and *b*

resource gmp\_and(resource a, resource b) 4.0.4

Calculates logical AND of *a* and *b*

void gmp\_clrbit(resource &a, int index) 4.0.4

Clears bit in *a*

int gmp\_cmp(resource a, resource b) 4.0.4

Compares two numbers

resource gmp\_com(resource a) 4.0.4

Calculates one's complement of *a*

resource gmp\_div\_q(resource a, resource b[, int round]) 4.0.4

Divides *a* by *b*, returns quotient only

array gmp\_div\_qr(resource a, resource b[, int round]) 4.0.4

Divides *a* by *b*, returns quotient and remainder

resource gmp\_div\_r(resource a, resource b[, int round]) 4.0.4

Divides *a* by *b*, returns remainder only

resource gmp\_divexact(resource a, resource b) 4.0.4

Divides `a` by `b` using exact division algorithm

resource `gmp_fact(int a)` 4.0.4

Calculates factorial function

resource `gmp_gcd(resource a, resource b)` 4.0.4

Computes greatest common denominator (GCD) of `a` and `b`

array `gmp_gcdext(resource a, resource b)` 4.0.4

Computes `G`, `S`, and `T`, such that  $AS + BT = G$ , where `G` is the GCD of `a` and `b`

int `gmp_hamdist(resource a, resource b)` 4.0.4

Calculates hamming distance between `a` and `b`

resource `gmp_init(mixed number[, int base])` 4.0.4

Initializes GMP number

int `gmp_intval(resource gmpnumber)` 4.0.4

Gets signed long value of GMP number

resource `gmp_invert(resource a, resource b)` 4.0.4

Computes the inverse of `a` modulo `b`

int `gmp_jacobi(resource a, resource b)` 4.0.4

Computes Jacobi symbol

int `gmp_legendre(resource a, resource b)` 4.0.4

Computes Legendre symbol

resource `gmp_mod(resource a, resource b)` 4.0.4

Computes `a` modulo `b`

resource `gmp_mul(resource a, resource b)` 4.0.4

Multiplies `a` and `b`

resource `gmp_neg(resource a)` 4.0.4

Negates a number

resource `gmp_or(resource a, resource b)` 4.0.4

Calculates logical OR of `a` and `b`

`bool gmp_perfect_square(resource a)` 4.0.4

Checks if `a` is an exact square

`int gmp_popcount(resource a)` 4.0.4

Calculates the population count of `a`

`resource gmp_pow(resource base, int exp)` 4.0.4

Raises `base` to power `exp`

`resource gmp_powm(resource base, resource exp, resource mod)` 4.0.4

Raises `base` to power `exp` and takes result modulo `mod`

`int gmp_prob_prime(resource a[, int reps])` 4.0.4

Checks if `a` is "probably prime"

`resource gmp_random([int limiter])` 4.0.4

Gets random number

`int gmp_scan0(resource a, int start)` 4.0.4

Finds first zero bit

`int gmp_scan1(resource a, int start)` 4.0.4

Finds first nonzero bit

`void gmp_setbit(resource &a, int index[, bool set_clear])` 4.0.4

Sets or clears bit in `a`

`int gmp_sign(resource a)` 4.0.4

Gets the sign of the number

`resource gmp_sqrt(resource a)` 4.0.4

Takes integer part of square root of `a`

`array gmp_sqrtrem(resource a)` 4.0.4

Takes square root with remainder

`string gmp_strval(resource gmpnumber[, int base])` 4.0.4

Gets string representation of GMP number

resource gmp\_sub(resource a, resource b) 4.0.4

Subtracts **b** from **a**

resource gmp\_xor(resource a, resource b) 4.0.4

Calculates logical exclusive OR of **a** and **b**

string gmstrftime(string format[, int timestamp]) 3.0.12

Formats a GMT/UCT time/date according to locale settings

int gregoriantojd(int month, int day, int year) 3.0

Converts a Gregorian calendar date to Julian day count

string gzcompress(string data[, int level]) 4.0.1

Gzip-compresses a string

string gzdeflate(string data[, int level]) 4.0.4

Gzip-compresses a string

string gzencode(string data[, int level[, int encoding\_mode]]) 4.0.4

Gzip-encodes a string

array gzfile(string filename[, int use\_include\_path]) 3.0

Reads and uncompresses an entire .gz file into an array

string gzinflate(string data[, int length]) 4.0.4

Unzips a gzip-compressed string

int gzopen(string filename, string mode[, int use\_include\_path]) 3.0

Opens a .gz file and returns a .gz file pointer

string gzuncompress(string data, int length) 4.0.1

Unzips a gzip-compressed string

void header(string header[, bool replace, [int http\_response\_code]]) 3.0

Sends a raw HTTP header

int headers\_sent(void) 3.0.8

Returns `true` if headers have already been sent, `false` otherwise

`string hebrev(string str[, int max_chars_per_line])` 3.0

Converts logical Hebrew text to visual text

`string hebrevc(string str[, int max_chars_per_line])` 3.0

Converts logical Hebrew text to visual text with newline conversion

`int hexdec(string hexadecimal_number)` 3.0

Returns the decimal equivalent of the hexadecimal number

`bool highlight_file(string file_name[, bool return])` 4.0

Adds syntax highlighting to a source file

`bool highlight_string(string string[, bool return])` 4.0

Adds syntax highlighting to a string and optionally return it

`string html_entity_decode(string string[, int quote_style][, string charset])` 4.3.0

Converts all HTML entities to their applicable characters

`string htmlentities(string string[, int quote_style][, string charset])` 3.0

Converts all applicable characters to HTML entities

`string htmlspecialchars(string string[, int quote_style][, string charset])` 3.0

Converts special characters to HTML entities

`string iconv(string in_charset, string out_charset, string str)` 4.0.5

Returns `str` converted to the `out_charset` character set

`array iconv_get_encoding([string type])` 4.0.5

Gets the internal and output encoding for `ob_iconv_handler( )`

`bool iconv_set_encoding(string type, string charset)` 4.0.5

Sets the internal and output encoding for `ob_iconv_handler( )`

`if(cond)` 3.0

Language keyword that tests a condition

`int ignore_user_abort(bool value)` 3.0.7

Sets whether to ignore a user abort event or not

`int image2wbmp(int im[, string filename[, int threshold]])` 4.0.5

Outputs WBMP image to browser or file

`array image_type_to_mime_type(int imagetype)` 4.3.0

Gets the MIME type for `imagetype` returned by `getimagesize()`, `exif_read_data()`, `exif_thumbnail()`, and `exif_imagetype()`

`void imagealphablending(resource im, bool on)` 4.0.6

Turns alpha blending mode on or off for the given image

`int imagearc(int im, int cx, int cy, int w, int h, int s, int e, int col)` 3.0

Draws a partial ellipse

`int imagechar(int im, int font, int x, int y, string c, int col)` 3.0

Draws a character

`int imagecharup(int im, int font, int x, int y, string c, int col)` 3.0

Draws a character rotated 90 degrees counterclockwise

`int imagecolorallocate(int im, int red, int green, int blue)` 3.0

Allocates a color for an image

`int imagecolorat(int im, int x, int y)` 3.0

Gets the index of the color of a pixel

`int imagecolorclosest(int im, int red, int green, int blue)` 3.0

Gets the index of the closest color to the specified color

`int imagecolorclosestalpha(resource im, int red, int green, int blue, int alpha)` 4.0.6

Finds the closest matching color with alpha transparency

`int imagecolorclosesthwb(int im, int red, int green, int blue)` 4.0.1

Gets the index of the color that has the hue, white, and blackness nearest to the given color

`int imagecolordeallocate(int im, int index)` 3.0.6

Deallocates a color for an image

`int imagecolorexact(int im, int red, int green, int blue)` 3.0

Gets the index of the specified color

`int imagecolorexactalpha(resource im, int red, int green, int blue, int alpha) 4.0.6`

Finds exact match for color with transparency

`int imagecolorresolve(int im, int red, int green, int blue) 3.0.2`

Gets the index of the specified color or its closest possible alternative

`int imagecolorresolvealpha(resource im, int red, int green, int blue, int alpha) 4.0.6`

Resolves/allocates a color with an alpha level; works for true color and palette based images

`int imagecolorset(int im, int col, int red, int green, int blue) 3.0`

Sets the color for the specified palette index

`array imagecolorsforindex(int im, int col) 3.0`

Gets the colors for an index

`int imagecolorstotal(int im) 3.0`

Finds out the number of colors in an image's palette

`int imagecolortransparent(int im[, int col]) 3.0`

Defines a color as transparent

`int imagecopy(int dst_im, int src_im, int dst_x, int dst_y, int src_x, int src_y, int src_w, int src_h) 3.0.6`

Copies part of an image

`int imagecopymerge(int src_im, int dst_im, int dst_x, int dst_y, int src_x, int src_y, int src_w, int src_h, int pct) 4.0.1`

Merges one part of an image with another

`int imagecopymergegray(int src_im, int dst_im, int dst_x, int dst_y, int src_x, int src_y, int src_w, int src_h, int pct) 4.0.6`

Merges one part of an image with another

`int imagecopyresampled(int dst_im, int src_im, int dst_x, int dst_y, int src_x, int src_y, int dst_w, int dst_h, int src_w, int src_h) 4.0.6`

Copies and resizes part of an image using resampling to help ensure clarity

`int imagecopyresized(int dst_im, int src_im, int dst_x, int dst_y, int src_x, int src_y, int dst_w, int dst_h, int src_w, int src_h) 3.0`

Copies and resizes part of an image

`int imagecreate(int x_size, int y_size)` 3.0

Creates a new image

`int imagecreatefromgd(string filename)` 4.1.0

Creates a new image from GD file or URL

`int imagecreatefromgd2(string filename)` 4.1.0

Creates a new image from GD2 file or URL

`int imagecreatefromgd2part(string filename, int srcX, int srcY, int width, int height)` 4.1.0

Creates a new image from a given part of GD2 file or URL

`int imagecreatefromgif(string filename)` 3.0

Creates a new image from GIF file or URL

`int imagecreatefromjpeg(string filename)` 3.0.16

Creates a new image from JPEG file or URL

`int imagecreatefrompng(string filename)` 3.0.13

Creates a new image from PNG file or URL

`int imagecreatefromstring(string image)` 4.0.4

Creates a new image from the image stream in the string

`int imagecreatefromwbmp(string filename)` 4.0.1

Creates a new image from WBMP file or URL

`int imagecreatefromxbm(string filename)` 4.0.1

Creates a new image from XBM file or URL

`int imagecreatefromxpm(string filename)` 4.0.1

Creates a new image from XPM file or URL

`int imagecreatetruecolor(int x_size, int y_size)` 4.0.6

Creates a new true color image

`int imagedashedline(int im, int x1, int y1, int x2, int y2, int col)` 3.0

Draws a dashed line

`int imagedestroy(int im)` 3.0

Destroys an image

`void imageellipse(resource im, int cx, int cy, int w, int h, int color)` 4.0.6

Draws an ellipse

`int imagefill(int im, int x, int y, int col)` 3.0

Performs a flood fill

`int imagefilledarc(int im, int cx, int cy, int w, int h, int s, int e, int col, int style)` 4.0.6

Draws a filled partial ellipse

`void imagefilledellipse(resource im, int cx, int cy, int w, int h, int color)` 4.0.6

Draws an ellipse

`int imagefilledpolygon(int im, array point, int num_points, int col)` 3.0

Draws a filled polygon

`int imagefilledrectangle(int im, int x1, int y1, int x2, int y2, int col)` 3.0

Draws a filled rectangle

`int imagefilltoborder(int im, int x, int y, int border, int col)` 3.0

Performs a flood fill to specific color

`int imagefontheight(int font)` 3.0

Gets font height

`int imagefontwidth(int font)` 3.0

Gets font width

`array imageftbbox(int size, int angle, string font_file, string text[, array extrainfo])` 4.1.0

Gives the bounding box of a text using fonts via freetype2

`array imagefttext(int im, int size, int angle, int x, int y, int col, string font_file, string text, [array extrainfo])`  
4.1.0

Writes text to the image using fonts via freetype2

`int imagegammacorrect(int im, float inputgamma, float outputgamma)` 3.0.13

Applies a gamma correction to a GD image

`int imagegd(int im[, string filename])` 4.1.0

Outputs GD image to browser or file

`int imagegd2(int im[, string filename])` 4.1.0

Outputs GD2 image to browser or file

`int imagegif(int im[, string filename])` 3.0

Outputs GIF image to browser or file

`int imageinterlace(int im[, int interlace])` 3.0

Enables or disables interlace

`int imagejpeg(int im[, string filename[, int quality]])` 3.0.16

Outputs JPEG image to browser or file

`int imageline(int im, int x1, int y1, int x2, int y2, int col)` 3.0

Draws a line

`int imageloadfont(string filename)` 3.0

Loads a new font

`int imagepalettecopy(int dst, int src)` 4.0.1

Copies the palette from the `src` image onto the `dst` image

`int imagepng(int im[, string filename])` 3.0.13

Outputs PNG image to browser or file

`int imagepolygon(int im, array point, int num_points, int col)` 3.0

Draws a polygon

`array imagepsbbox(string text, int font, int size[, int space, int tightness, int angle])` 3.0.9

Returns the bounding box needed by a string if rasterized

`int imagepscopyfont(int font_index)` 3.0.9

Makes a copy of a font for purposes like extending or reencoding

`bool imagepsencodefont(int font_index, string filename)` 3.0.9

Changes a font's character encoding vector

`bool imagepsextextfont(int font_index, float extend) 3.0.9`

Extends or condenses (if `extend` is less than 1) a font

`bool imagepsfreefont(int font_index) 3.0.9`

Frees memory used by a font

`int imagepsloadfont(string pathname) 3.0.9`

Loads a new font from specified file

`bool imagepslantfont(int font_index, float slant) 3.0.9`

Slants a font

`array imagepstext(int image, string text, int font, int size, int xcoord, int ycoord[, int space, int tightness, float angle, int antialias]) 3.0.9`

Rasterizes a string over an image

`int imagerectangle(int im, int x1, int y1, int x2, int y2, int col) 3.0`

Draws a rectangle

`int imagesetbrush(resource image, resource brush) 4.0.6`

Sets the brush image for line drawing

`int imagesetpixel(int im, int x, int y, int col) 3.0`

Sets a single pixel

`void imagesetstyle(resource im, array styles) 4.0.6`

Sets the style for line drawing

`void imagesetthickness(resource im, int thickness) 4.0.6`

Sets line thickness for line drawing

`int imagesettile(resource image, resource tile) 4.0.6`

Sets the tile image for filling

`int imagestring(int im, int font, int x, int y, string str, int col) 3.0`

Draws a string horizontally

`int imagestringup(int im, int font, int x, int y, string str, int col) 3.0`

Draws a string vertically (rotated 90 degrees counterclockwise)

`int imagesx(int im)` 3.0

Gets image width

`int imagesy(int im)` 3.0

Gets image height

`void imagetruecolortopalette(resource im, bool ditherFlag, int colorsWanted)` 4.0.6

Converts a true color image to a palette-based image with a number of colors, optionally using dithering.

`array imagettfbbox(int size, int angle, string font_file, string text)` 3.0.1

Gives the bounding box of a text using TrueType fonts

`array imagettftext(int im, int size, int angle, int x, int y, int col, string font_file, string text)` 3.0

Writes text to the image using a TrueType font

`int imagetypes(void)` 3 CVS Only

Returns the types of images supported in a bitfield (1=GIF, 2=JPEG, 4=PNG, 8=WBMP, 16=XPM)

`int imagewbmp(int im[, string filename[, int foreground]])` 3.0.15

Outputs WBMP image to browser or file

`string imap_8bit(string text)` 3.0

Converts an 8-bit string to a quoted-printable string

`array imap_alerts(void)` 3.0.12

Returns an array of all IMAP alerts generated since the last page load or the last `imap_alerts( )` call, whichever came last, and clears the alert stack

`int imap_append(int stream_id, string folder, string message[, string flags])` 3.0

Appends a new message to a specified mailbox

`string imap_base64(string text)` 3.0

Decodes BASE64 encoded text

`string imap_binary(string text)` 3.0.2

Converts an 8-bit string to a base64 string

`string imap_body(int stream_id, int msg_no[, int options])` 3.0

Reads the message body

object `imap_bodystruct(int stream_id, int msg_no, int section)` 3.0.4

Reads the structure of a specified body section of a specific message

object `imap_check(int stream_id)` 3.0

Gets mailbox properties

int `imap_clearflag_full(int stream_id, string sequence, string flag[, int options])` 3.0.3

Clears flags on messages

int `imap_close(int stream_id[, int options])` 3.0

Closes an IMAP stream

int `imap_createmailbox(int stream_id, string mailbox)` 3.0

Creates a new mailbox

int `imap_delete(int stream_id, int msg_no[, int flags])` 3.0

Marks a message for deletion

int `imap_deletemailbox(int stream_id, string mailbox)` 3.0

Deletes a mailbox

array `imap_errors(void)` 3.0.12

Returns an array of all IMAP errors generated since the last page load or the last `imap_errors( )` call, whichever came last, and clears the error stack

int `imap_expunge(int stream_id)` 3.0

Permanently deletes all messages marked for deletion

array `imap_fetch_overview(int stream_id, int msg_no[, int flags])` 3.0.4

Reads an overview of the information in the headers of the given message sequence

string `imap_fetchbody(int stream_id, int msg_no, int section[, int options])` 3.0

Gets a specific body section

string `imap_fetchheader(int stream_id, int msg_no[, int options])` 3.0.3

Gets the full unfiltered header for a message

object `imap_fetchstructure(int stream_id, int msg_no[, int options])` 3.0

Reads the full structure of a message

array `imap_get_quota(int stream_id, string qroot)` 4.0.5

Returns the quota set to the mailbox account `qroot`

array `imap_get_quotaroot(int stream_id, string mbox)` 4.3.0

Returns the quota set to the mailbox account `mbox`

array `imap_getmailboxes(int stream_id, string ref, string pattern)` 3.0.12

Reads the list of mailboxes and returns a full array of objects containing names, attributes, and delimiters

array `imap_getsubscribed(int stream_id, string ref, string pattern)` 3.0.12

Return a list of subscribed mailboxes in the same format as `imap_getmailboxes( )`

object `imap_headerinfo(int stream_id, int msg_no[, int from_length[, int subject_length[, string default_host]])` 3.0

Reads the headers of the message

array `imap_headers(int stream_id)` 3.0

Returns headers for all messages in a mailbox

string `imap_last_error(void)` 3.0.12

Returns the last error that was generated by an IMAP function; the error stack is not cleared after this call

array `imap_list(int stream_id, string ref, string pattern)` 3.0.4

Reads the list of mailboxes

array `imap_lsub(int stream_id, string ref, string pattern)` 3.0.4

Returns a list of subscribed mailboxes

int `imap_mail(string to, string subject, string message[, string additional_headers[, string cc[, string bcc[, string rpath]])])` 3.0.14

Sends an email message

string `imap_mail_compose(array envelope, array body)` 3.0.5

Creates a MIME message based on given envelope and body sections

int `imap_mail_copy(int stream_id, int msg_no, string mailbox[, int options])` 3.0

Copies specified message to a mailbox

`int imap_mail_move(int stream_id, int msg_no, string mailbox[, int options])` 3.0

Moves specified message to a mailbox

`object imap_mailboxmsginfo(int stream_id)` 3.0.2

Returns information about the current mailbox

`array imap_mime_header_decode(string str)` 3.0.17

Decodes MIME header element in accordance with RFC 2047 and returns an array of objects containing `charset` encoding and decoded `text`

`int imap_msgno(int stream_id, int unique_msg_id)` 3.0.3

Gets the sequence number associated with a user ID

`int imap_num_msg(int stream_id)` 3.0

Gives the number of messages in the current mailbox

`int imap_num_recent(int stream_id)` 3.0

Gives the number of recent messages in current mailbox

`int imap_open(string mailbox, string user, string password[, int options])` 3.0

Opens an IMAP stream to a mailbox

`int imap_ping(int stream_id)` 3.0

Checks if the IMAP stream is still active

`string imap_qprint(string text)` 3.0

Converts a quoted-printable string to an 8-bit string

`int imap_renamemailbox(int stream_id, string old_name, string new_name)` 3.0

Renames a mailbox

`int imap_reopen(int stream_id, string mailbox[, int options])` 3.0

Reopens an IMAP stream to a new mailbox

`array imap_rfc822_parse_adrlist(string address_string, string default_host)` 3.0.2

Parses an address string

`object imap_rfc822_parse_headers(string headers[, string default_host])` 4.0

Parses a set of mail headers contained in a string and return an object similar to `imap_headerinfo( )`

`string imap_rfc822_write_address(string mailbox, string host, string personal)` 3.0.2

Returns a properly formatted email address given the mailbox, host, and personal information

`array imap_scan(int stream_id, string ref, string pattern, string content)` 3.0.4

Reads list of mailboxes containing a certain string

`array imap_search(int stream_id, string criteria[, long flags])` 3.0.12

Returns a list of messages matching the given criteria

`int imap_set_quota(int stream_id, string qroot, int mailbox_size)` 4.0.5

Sets the quota for `qroot` mailbox

`int imap_setacl(int stream_id, string mailbox, string id, string rights)` 4.1.0

Sets the ACL for a given mailbox

`int imap_setflag_full(int stream_id, string sequence, string flag[, int options])` 3.0.3

Sets flags on messages

`array imap_sort(int stream_id, int criteria, int reverse[, int options[, string search_criteria]])` 3.0.3

Sorts an array of message headers, optionally including only messages that meet specified criteria

`object imap_status(int stream_id, string mailbox, int options)` 3.0.4

Gets status information from a mailbox

`int imap_subscribe(int stream_id, string mailbox)` 3.0

Subscribes to a mailbox

`int imap_thread(int stream_id[, int flags])` 4.1.0

Returns threaded by references tree

`int imap_uid(int stream_id, int msg_no)` 3.0.3

Gets the unique message ID associated with a standard sequential message number

`int imap_undelete(int stream_id, int msg_no)` 3.0

Removes the delete flag from a message

`int imap_unsubscribe(int stream_id, string mailbox)` 3.0

Unsubscribes from a mailbox

string `imap_utf7_decode(string buf)` 3.0.15

Decodes a modified UTF-7 string

string `imap_utf7_encode(string buf)` 3.0.15

Encodes a string in modified UTF-7

string `imap_utf8(string string)` 3.0.13

Converts a string to UTF-8

string `implode(array src, string glue)` 3.0

Joins array elements placing `glue` string between items and returns one string

bool `import_request_variables(string types[, string prefix])` 4.1.0

Imports GET/POST/Cookie variables into the global scope

bool `in_array(mixed needle, array haystack[, bool strict])` 4.0

Checks if the given value exists in the array

bool `include filename` 3.0

Includes and evaluates the given file, with a nonfatal warning on failure

bool `include_once filename` 4.0

Includes and evaluates the given file if not already included, with a nonfatal warning on failure

string `ini_get(string varname)` 4.0

Gets a configuration option

array `ini_get_all([string extension])` 4.1.0

Gets all configuration options

string `ini_restore(string varname)` 4.0

Restores the value of a configuration option specified by `varname`

string `ini_set(string varname, string newvalue)` 4.0

Sets a configuration option; returns `false` on error and the old value of the configuration option on success

int `intval(mixed var[, int base])` 3.0

Gets the integer value of a variable using the optional base for the conversion

`int ip2long(string ip_address)` 4.0

Converts a string containing an (IPv4) Internet Protocol dotted address into a proper address

`array iptcembed(string iptcdata, string jpeg_file_name[, int spool])` 3.0.7

Embeds binary IPTC data into a JPEG image.

`array iptcparse(string iptcdata)` 3.0.6

Parses binary IPTC data into associative array

`bool is_a(object object, string class_name)` 4.1.0

Returns `true` if the object is of this class or has this class as one of its parents

`bool is_array(mixed var)` 3.0

Returns `true` if variable is an array

`bool is_bool(mixed var)` 4.0

Returns `true` if variable is a boolean

`bool is_callable(mixed var[, bool syntax_only[, string callable_name]])` 4.0.6

Returns `true` if variable is callable

`bool is_dir(string filename)` 3.0

Returns `true` if file is directory

`bool is_executable(string filename)` 3.0

Returns `true` if file is executable

`bool is_file(string filename)` 3.0

Returns `true` if file is a regular file

`bool is_finite(float val)` 4.1.0

Returns whether argument is finite

`bool is_float(mixed var)` 3.0

Returns `true` if variable is float point

`bool is_infinite(float val)` 4.1.0

Returns whether argument is infinite

bool `is_link(string filename)` 3.0

Returns `true` if file is symbolic link

bool `is_long(mixed var)` 3.0

Returns `true` if variable is a long (integer)

bool `is_nan(float val)` 4.1.0

Returns whether argument is not a number

bool `is_null(mixed var)` 4.0.4

Returns `true` if variable is NULL

bool `is_numeric(mixed value)` 4.0

Returns `true` if value is a number or a numeric string

bool `is_object(mixed var)` 3.0

Returns `true` if variable is an object

bool `is_readable(string filename)` 3.0

Returns `true` if file can be read

bool `is_resource(mixed var)` 4.0

Returns `true` if variable is a resource

bool `is_scalar(mixed value)` 4.0.5

Returns `true` if value is a scalar

bool `is_string(mixed var)` 3.0

Returns `true` if variable is a string

bool `is_subclass_of(object object, string class_name)` 4.0

Returns `true` if the object has this class as one of its parents

bool `is_uploaded_file(string path)` 3.0.17

Checks if file was created by RFC 1867 upload

bool `is_writable(string filename)` 4.0

Returns `true` if file can be written

`bool isset(mixed var[, mixed var[, ...]])` 3.0

Determines whether a variable is set

`void java_last_exception_clear(void)` 4.0.2

Clears last Java extension

`object java_last_exception_get(void)` 4.0.2

Gets last Java exception

`mixed jddayofweek(int juliandaycount[, int mode])` 3.0

Returns name or number of day of week from Julian day count

`string jdmonthname(int juliandaycount, int mode)` 3.0

Returns name of month for Julian day count

`string jdtofrench(int juliandaycount)` 3.0

Converts a Julian day count to a French Republic calendar date

`string jdtogregorian(int juliandaycount)` 3.0

Converts a Julian day count to a Gregorian calendar date

`string jdtojewish(int juliandaycount)` 3.0

Converts a Julian day count to a Jewish calendar date

`string jdtojulian(int juliandaycount)` 3.0

Converts a Julian day count to a Julian calendar date

`int jdtounix(int jday)` 4.0

Convert Julian day count to a Unix timestamp

`int jewishtojd(int month, int day, int year)` 3.0

Converts a Jewish calendar date to a Julian day count

`string join(array src, string glue)` 3.0

An alias for `implode()`

`void jpeg2wbmp (string f_org, string f_dest, int d_height, int d_width, int threshold)` 4.0.5

Converts JPEG image to WBMP image

`int juliantojd(int month, int day, int year)` 3.0

Converts a Julian calendar date to a Julian day count

`mixed key(array array_arg)` 3.0

Returns the key of the element currently pointed to by the internal array pointer

`bool krsort(array array_arg[, int sort_flags])` 3.0.13

Sorts an array by key value in reverse order

`bool ksort(array array_arg[, int sort_flags])` 3.0

Sorts an array by key

`float lcg_value( )` 4.0

Returns a value from the combined linear congruential generator

`string ldap_8859_to_t61(string value)` 4.0.2

Translates 8859 characters to t61 characters

`bool ldap_add(resource link, string dn, array entry)` 3.0

Adds entries to an LDAP directory

`bool ldap_bind(resource link[, string dn, string password])` 3.0

Binds to an LDAP directory

`bool ldap_compare(resource link, string dn, string attr, string value)` 4.0.2

Determines if an entry has a specific value for one of its attributes

`resource ldap_connect([string host[, int port]])` 3.0

Connects to an LDAP server

`int ldap_count_entries(resource link, resource result)` 3.0

Counts the number of entries in a search result

`bool ldap_delete(resource link, string dn)` 3.0

Deletes an entry from a directory

`string ldap_dn2ufn(string dn)` 3.0

Converts DN to User Friendly Naming format

string ldap\_err2str(int errno) 3.0.13

Converts error number to error string

int ldap\_errno(resource link) 3.0.12

Gets the current LDAP error number

string ldap\_error(resource link) 3.0.12

Gets the current LDAP error string

array ldap\_explode\_dn(string dn, int with\_attr) 3.0

Splits DN into its component parts

string ldap\_first\_attribute(resource link, resource result\_entry, int ber) 3.0

Returns first attribute

resource ldap\_first\_entry(resource link, resource result) 3.0

Returns first result ID

resource ldap\_first\_reference(resource link, resource result) 4.0.5

Returns first reference

bool ldap\_free\_result(resource result) 3.0

Frees result memory

array ldap\_get\_attributes(resource link, resource result\_entry) 3.0

Gets attributes from a search result entry

string ldap\_get\_dn(resource link, resource result\_entry) 3.0

Gets the DN of a result entry

array ldap\_get\_entries(resource link, resource result) 3.0

Gets all result entries

bool ldap\_get\_option(resource link, int option, mixed retval) 4.0.4

Gets the current value of various session-wide parameters

array ldap\_get\_values(resource link, resource result\_entry, string attribute) 3.0

Gets all values from a result entry

array ldap\_get\_values\_len(resource link, resource result\_entry, string attribute) 3.0.13

Gets all values with lengths from a result entry

resource ldap\_list(resource link, string base\_dn, string filter[, array attrs[, int attrsonly[, int sizelimit[, int timelimit[, int deref]]]]) 3.0

Performs a single-level search

bool ldap\_mod\_add(resource link, string dn, array entry) 3.0.8

Adds attribute values to current

bool ldap\_mod\_del(resource link, string dn, array entry) 3.0.8

Deletes attribute values

bool ldap\_mod\_replace(resource link, string dn, array entry) 3.0.8

Replaces attribute values with new ones

string ldap\_next\_attribute(resource link, resource result\_entry, resource ber) 3.0

Gets the next attribute in result

resource ldap\_next\_entry(resource link, resource result\_entry) 3.0

Gets next result entry

resource ldap\_next\_reference(resource link, resource reference\_entry) 4.0.5

Gets next reference

bool ldap\_parse\_reference(resource link, resource reference\_entry, array referrals) 4.0.5

Extracts information from reference entry

bool ldap\_parse\_result(resource link, resource result, int errcode, string matcheddn, string errmsg, array referrals) 4.0.5

Extracts information from result

resource ldap\_read(resource link, string base\_dn, string filter[, array attrs[, int attrsonly[, int sizelimit[, int timelimit[, int deref]]]]) 3.0

Reads an entry

bool ldap\_rename(resource link, string dn, string newrdn, string newparent, bool deleteoldrdn); 4.0.5

Modifies the name of an entry

resource ldap\_search(resource link, string base\_dn, string filter[, array attrs[, int attrsonly[, int sizelimit[, int timelimit[, int deref]]]]) 3.0

Searches LDAP tree under `base_dn`

bool ldap\_set\_option(resource link, int option, mixed newval) 4.0.4

Set the value of various session-wide parameters

bool ldap\_set\_rebind\_proc(resource link, string callback) 4.1.0

Sets a callback function to do rebinds on referral chasing

bool ldap\_sort(resource link, resource result, string sortfilter) 4.1.0

Sorts LDAP result entries

bool ldap\_start\_tls(resource link) 4.1.0

Starts TLS

string ldap\_t61\_to\_8859(string value) 4.0.2

Translates t61 characters to 8859 characters

bool ldap\_unbind(resource link) 3.0

Unbinds from LDAP directory

void leak(int num\_bytes=3) 3.0

Causes an intentional memory leak for testing/debugging purposes

int levenshtein(string str1, string str2) 3.0.17

Calculates Levenshtein distance between two strings

int link(string target, string link) 3.0

Creates a hard link

int linkinfo(string filename) 3.0

Returns the `st_dev` field of the Unix C `stat` structure describing the link

void list(mixed var[, mixed var[, ...]]) 3.0

Assigns variables as if they were an array

array localeconv(void) 4.0.5

Returns numeric formatting information based on the current locale

array localtime([int timestamp[, bool associative\_array]]) 4.0

Returns the results of the C system call `localtime` as an associative array if the `associative_array` argument is set to 1 or as a regular array

`float log(float number)` 3.0

Returns the natural logarithm of the number

`float log10(float number)` 3.0

Returns the base-10 logarithm of the number

`float log1p(float number)` 4.1.0

Returns `log(1 + number)`, computed in a way that is accurate even when the value of number is close to zero

`string long2ip(int proper_address)` 4.0

Converts an (IPv4) Internet network address into a string in Internet standard dotted format

`array lstat(string filename)` 3.0.4

Gives information about a file or symbolic link

`string ltrim(string str[, string character_mask])` 3.0

Strips whitespace from the beginning of a string

`int mail(string to, string subject, string message[, string additional_headers[, string additional_parameters]])` 3.0

Sends an email message

`mixed max(mixed arg1[, mixed arg2[, mixed ...]])` 3.0

Return the highest value in an array or a series of arguments

`string mb_convert_encoding(string str, string to-encoding[, mixed from-encoding])` 4.0.6

Returns converted string in desired encoding

`string mb_convert_kana(string str[, string option][, string encoding])` 4.0.6

Converts between full-width characters and half-width characters (Japanese)

`string mb_convert_variables(string to-encoding, mixed from-encoding, mixed vars[, mixed ...])` 4.0.6

Converts the string resource(s) in variable(s) to desired encoding

`string mb_decode_mimeheader(string string)` 4.0.6

Decodes encoded-word string in MIME header field

`string mb_decode_numericentity(string string, array convmap[, string encoding])` 4.0.6

Converts HTML numeric entities to character codes

string `mb_detect_encoding(string str[, mixed encoding_list])` 4.0.6

Returns encoding of the given string

bool|array `mb_detect_order([mixed encoding-list])` 4.0.6

Sets the current `detect_order` or returns the current `detect_order` as an array

string `mb_encode_mimeheader(string str[, string charset[, string transfer-encoding[, string linefeed]])` 4.0.6

Converts the string to a MIME encoded-word in the format of  
`=?charset?(B|Q)?encoded_string?='`

string `mb_encode_numericentity(string string, array convmap[, string encoding])` 4.0.6

Converts specified characters to HTML numeric entities

string `mb_get_info([string type])` 4.1.0

Returns the current settings of `mbstring`

false|string `mb_http_input([string type])` 4.0.6

Returns the input encoding

string `mb_http_output([string encoding])` 4.0.6

Sets the current `output_encoding` or returns the current `output_encoding` as a string

string `mb_internal_encoding([string encoding])` 4.0.6

Sets the current internal encoding or returns the current internal encoding as a string

string `mb_language([string language])` 4.0.6

Sets the current language or returns the current language as a string

string `mb_output_handler(string contents, int status)` 4.0.6

Returns string in output buffer converted to the `http_output` encoding

bool `mb_parse_str(string encoded_string[, array result])` 4.0.6

Parses GET/POST/Cookie data and sets global variables

string `mb_preferred_mime_name(string encoding)` 4.0.6

Returns the preferred MIME name (charset) as a string

int `mb_send_mail(string to, string subject, string message[, string additional_headers[, string additional_parameters]])` 4.0.6

Sends an email message with MIME scheme

string `mb_strcut(string str, int start[, int length[, string encoding]])` 4.0.6

Returns part of a string

string `mb_strimwidth(string str, int start, int width[, string trimmarker[, string encoding]])` 4.0.6

Trims the string in terminal width

int `mb_strlen(string str[, string encoding])` 4.0.6

Gets character numbers of a string

int `mb_strpos(string haystack, string needle[, int offset[, string encoding]])` 4.0.6

Finds position of first occurrence of a string within another

int `mb_strrpos(string haystack, string needle[, string encoding])` 4.0.6

Finds the last occurrence of a character in a string within another

int `mb_strwidth(string str[, string encoding])` 4.0.6

Gets terminal width of a string

mixed `mb_substitute_character([mixed substchar])` 4.0.6

Sets the current `substitute_character` or returns the current `substitute_character`

string `mb_substr(string str, int start[, int length[, string encoding]])` 4.0.6

Returns part of a string

string `mdecrypt_cbc(int cipher, string key, string data, int mode[, string iv])` 3.0.8

CBC encrypts/decrypts data using `key` with `cipher` starting with optional `iv`

string `mdecrypt_cfb(int cipher, string key, string data, int mode[, string iv])` 3.0.8

CFB encrypts/decrypts data using `key` with `cipher` starting with optional `iv`

string `mdecrypt_create_iv(int size, int source)` 3.0.8

Creates an initialization vector (IV)

string `mdecrypt_decrypt(string cipher, string key, string data, string mode[, string iv])` 4.0.2

OFB encrypts/decrypts data using `key` with `cipher` starting with optional `iv`

string `mdecrypt_ecb(int cipher, string key, string data, int mode[, string iv])` 3.0.8

ECB encrypts/decrypts data using `key` with `cipher` starting with optional `iv`

`string mcrypt_enc_get_algorithms_name(resource td)` 4.0.2

Returns the name of the algorithm specified by the descriptor `td`

`int mcrypt_enc_get_block_size(resource td)` 4.0.2

Returns the block size of the cipher specified by the descriptor `td`

`int mcrypt_enc_get_iv_size(resource td)` 4.0.2

Returns the size of the IV in bytes of the algorithm specified by the descriptor `td`

`int mcrypt_enc_get_key_size(resource td)` 4.0.2

Returns the maximum supported key size in bytes of the algorithm specified by the descriptor `td`

`string mcrypt_enc_get_modes_name(resource td)` 4.0.2

Returns the name of the mode specified by the descriptor `td`

`int mcrypt_enc_get_supported_key_sizes(resource td)` 4.0.2

Returns an array with the supported key sizes of the algorithm specified by the descriptor `td`

`bool mcrypt_enc_is_block_algorithm(resource td)` 4.0.2

Returns `true` if the algorithm is a block algorithm

`bool mcrypt_enc_is_block_algorithm_mode(resource td)` 4.0.2

Returns `true` if the mode is for use with block algorithms

`bool mcrypt_enc_is_block_mode(resource td)` 4.0.2

Returns `true` if the mode outputs blocks of bytes

`int mcrypt_enc_self_test(resource td)` 4.0.2

Runs the self test on the algorithm specified by the descriptor `td`

`string mcrypt_encrypt(string cipher, string key, string data, string mode, string iv)` 4.0.2

OFB encrypts/decrypts data using `key` with `cipher` starting with `iv`

`string mcrypt_generic(resource td, string data)` 4.0.2

Encrypts plain text with given parameters

`bool mcrypt_generic_deinit(resource td)` 4.1.0

Terminates encryption specified by the descriptor `td`

`bool mcrypt_generic_end(resource td)` 4.0.2

Terminates encryption specified by the descriptor `td`

`int mcrypt_generic_init(resource td, string key, string iv)` 4.0.2

Initializes all buffers for the specific module

`int mcrypt_get_block_size(int cipher)` 3.0.8

Gets the block size of `cipher`

`int mcrypt_get_block_size(string cipher, string module)` 3.0.8

Gets the key size of `cipher`

`string mcrypt_get_cipher_name(string cipher)` 3.0.8

Gets the key size of `cipher`

`string mcrypt_get_cipher_name(int cipher)` 3.0.8

Gets the name of `cipher`

`int mcrypt_get_iv_size(string cipher, string module)` 4.0.2

Get the IV size of `cipher` (usually the same as the block size)

`int mcrypt_get_key_size(string cipher, string module)` 3.0.8

Gets the key size of `cipher`

`int mcrypt_get_key_size(int cipher)` 3.0.8

Gets the key size of `cipher`

`array mcrypt_list_algorithms([string lib_dir])` 4.0.2

Lists all supported algorithms

`array mcrypt_list_modes([string lib_dir])` 4.0.2

Lists all supported modes

`bool mcrypt_module_close(resource td)` 4.0.2

Frees the descriptor `td`

`int mcrypt_module_get_algo_block_size(string algorithm[, string lib_dir])` 4.0.2

Returns the block size of the algorithm

`int mcrypt_module_get_algo_key_size(string algorithm[, string lib_dir])` 4.0.2

Returns the maximum supported key size of the algorithm

`int mcrypt_module_get_supported_key_sizes(string algorithm[, string lib_dir])` 4.0.2

Returns an array with the supported key sizes of the algorithm

`bool mcrypt_module_is_block_algorithm(string algorithm[, string lib_dir])` 4.0.2

Returns `true` if the algorithm is a block algorithm

`bool mcrypt_module_is_block_algorithm_mode(string mode[, string lib_dir])` 4.0.2

Returns `true` if the mode is for use with block algorithms

`bool mcrypt_module_is_block_mode(string mode[, string lib_dir])` 4.0.2

Returns `true` if the mode outputs blocks of bytes

`resource mcrypt_module_open(string cipher, string cipher_directory, string mode, string mode_directory)` 4.0.2

Opens the module of the algorithm and the mode to be used

`bool mcrypt_module_self_test(string algorithm[, string lib_dir])` 4.0.2

Does a self test of the specified module

`string mcrypt_ofb(int cipher, string key, string data, int mode[, string iv])` 3.0.8

OFB encrypts/decrypts data using `key` with `cipher` starting with optional `iv`

`string md5(string str)` 3.0

Calculates the md5 hash of a string

`string md5_file(string filename)` 4.1.0

Calculates the md5 hash of given filename

`string mdecrypt_generic(resource td, string data)` 4.0.2

Decrypts plain text with given parameters

`string metaphone(string text, int phones)` 4.0

Breaks English phrases down into their phonemes

`bool method_exists(object object, string method)` 4.0

Checks if the class method exists

string mhash(int hash, string data[, string key]) 3.0.9

Hashes data with `hash`

int mhash\_count(void) 3.0.9

Gets the number of available hashes

int mhash\_get\_block\_size(int hash) 3.0.9

Gets the block size of `hash`

string mhash\_get\_hash\_name(int hash) 3.0.9

Gets the name of `hash`

string mhash\_keygen\_s2k(int hash, string input\_password, string salt, int bytes) 4.0.4

Generates a key using hash functions

string microtime(void) 3.0

Returns a string containing the current time in seconds and microseconds

string mime\_content\_type(string filename) 4.3.0

Returns MIME Content-type for file

mixed min(mixed arg1[, mixed arg2[, mixed ...]]) 3.0

Returns the lowest value in an array or a series of arguments

bool mkdir(string pathname[, int mode]) 3.0

Creates a directory

int mktime(int hour, int min, int sec, int mon, int day, int year) 3.0

Gets Unix timestamp for a date

string money\_format(string format, float value) 4.3.0

Converts monetary value(s) to string

bool move\_uploaded\_file(string path, string new\_path) 4.0.3

Moves a file if and only if it was created by an upload

resource msg\_get\_queue(long key[, long perms]) 4.3.0

Attaches to a message queue

`mixed msg_receive(resource queue, long desiredmsgtype, long &msgtype, long maxsize, mixed message [[, bool unserialize=true][, long flags=0[, long errorcode]])` 4.3.0

Sends a message of type `msgtype` (must be greater than 0) to a message queue

`bool msg_remove_queue(resource queue)` 4.3.0

Destroys the queue

`bool msg_send(resource queue, long msgtype, mixed message [[, bool serialize=true][, bool blocking=true][, long errorcode]])` 4.3.0

Sends a message of type `msgtype` (must be greater than 0) to a message queue

`array msg_set_queue(resource queue, array data)` 4.3.0

Sets information for a message queue

`array msg_stat_queue(resource queue)` 4.3.0

Returns information about a message queue

`int mt_getrandmax(void)` 3.0.6

Returns the maximum value a random number from Mersenne Twister can have

`int mt_rand([int min, int max])` 3.0.6

Returns a random number from Mersenne Twister

`void mt_srand([int seed])` 3.0.6

Seeds Mersenne Twister random number generator

`int mysql_affected_rows([int link_identifier])` 3.0

Gets number of affected rows in previous MySQL operation

`string mysql_character_set_name([int link_identifier])` 4.3.0

Returns the default character set for the current connection

`bool mysql_close([int link_identifier])` 3.0

Closes a MySQL connection

`resource mysql_connect([string hostname[:port][:path/to/socket][, string username[, string password[, bool new[, int flags]]]])` 3.0

Opens a connection to a MySQL server

`bool mysql_create_db(string database_name[, int link_identifier]) 3.0`

Creates a MySQL database

`bool mysql_data_seek(int result, int row_number) 3.0`

Moves internal result pointer

`resource mysql_db_query(string database_name, string query[, int link_identifier]) 3.0`

Sends an SQL query to a MySQL database

`bool mysql_drop_db(string database_name[, int link_identifier]) 3.0`

Drops (deletes) a MySQL database

`int mysql_errno([int link_identifier]) 3.0`

Returns the number of the error message from previous MySQL operation

`string mysql_error([int link_identifier]) 3.0`

Returns the text of the error message from previous MySQL operation

`string mysql_escape_string(string to_be_escaped) 4.0.3`

Escapes string for MySQL query

`array mysql_fetch_array(int result[, int result_type]) 3.0`

Fetches a result row as an array (associative, numeric, or both)

`array mysql_fetch_assoc(int result) 4.0.3`

Fetches a result row as an associative array

`object mysql_fetch_field(int result[, int field_offset]) 3.0`

Gets column information from a result and returns it as an object

`array mysql_fetch_lengths(int result) 3.0`

Gets maximum data size of each column in a result

`object mysql_fetch_object(int result[, int result_type]) 3.0`

Fetches a result row as an object

`array mysql_fetch_row(int result) 3.0`

Gets a result row as an enumerated array

`string mysql_field_flags(int result, int field_offset) 3.0`

Gets the flags associated with the specified field in a result

`int mysql_field_len(int result, int field_offset) 3.0`

Returns the length of the specified field

`string mysql_field_name(int result, int field_index) 3.0`

Gets the name of the specified field in a result

`bool mysql_field_seek(int result, int field_offset) 3.0`

Sets result pointer to a specific field offset

`string mysql_field_table(int result, int field_offset) 3.0`

Gets name of the table the specified field is in

`string mysql_field_type(int result, int field_offset) 3.0`

Gets the type of the specified field in a result

`bool mysql_free_result(int result) 3.0`

Frees result memory

`string mysql_get_client_info(void) 4.0.5`

Returns a string that represents the client library version

`string mysql_get_host_info([int link_identifier]) 4.0.5`

Returns a string describing the type of connection in use, including the server host name

`int mysql_get_proto_info([int link_identifier]) 4.0.5`

Returns the protocol version used by current connection

`string mysql_get_server_info([int link_identifier]) 4.0.5`

Returns a string that represents the server version number

`string mysql_info([int link_identifier]) 4.3.0`

Returns a string containing information about the most recent query

`int mysql_insert_id([int link_identifier]) 3.0`

Gets the ID generated from the previous `INSERT` operation

`resource mysql_list_dbs([int link_identifier]) 3.0`

Lists databases available on a MySQL server

resource mysql\_list\_fields(string database\_name, string table\_name[, int link\_identifier]) 3.0

Lists MySQL result fields

resource mysql\_list\_processes([int link\_identifier]) 4.3.0

Returns a result set describing the current server threads

resource mysql\_list\_tables(string database\_name[, int link\_identifier]) 3.0

Lists tables in a MySQL database

int mysql\_num\_fields(int result) 3.0

Gets number of fields in a result

int mysql\_num\_rows(int result) 3.0

Gets number of rows in a result

resource mysql\_pconnect([string hostname[:port][:path/to/socket][, string username[, string password[, int flags]]]]) 3.0

Opens a persistent connection to a MySQL server

bool mysql\_ping([int link\_identifier]) 4.3.0

Pings a server connection or reconnects if there is no connection

resource mysql\_query(string query[, int link\_identifier][, int result\_mode]) 3.0

Sends an SQL query to a MySQL database

string mysql\_real\_escape\_string(string to\_be\_escaped[, int link\_identifier]) 4.3.0

Escapes special characters in a string for use in a SQL statement, taking into account the current charset of the connection

mixed mysql\_result(int result, int row[, mixed field]) 3.0

Gets result data

bool mysql\_select\_db(string database\_name[, int link\_identifier]) 3.0

Selects a MySQL database

string mysql\_stat([int link\_identifier]) 4.3.0

Returns a string containing status information

int mysql\_thread\_id([int link\_identifier]) 4.3.0

Returns the thread ID of current connection

resource `mysql_unbuffered_query(string query[, int link_identifier][, int result_mode])` 4.0.6

Sends an SQL query to MySQL, without fetching and buffering the result rows

void `natcasesort(array array_arg)` 4.0

Sorts an array using case-insensitive natural sort

void `natsort(array array_arg)` 4.0

Sorts an array using natural sort

object `new class_name( )` 3.0

Language keyword that instantiates a class and returns the resulting object

mixed `next(array array_arg)` 3.0

Moves array argument's internal pointer to the next element and returns it

string `nggettext(string MSGID1, string MSGID2, int N)` 4.1.0

Plural version of `gettext( )`

string `nl2br(string str)` 3.0

Converts newlines to HTML line breaks

string `nl_langinfo(int item)` 4.1.0

Queries language and locale information

string `number_format(float number[, int num_decimal_places[, string dec_seperator, string thousands_seperator]])` 3.0

Formats a number with grouped thousands

bool `ob_clean(void)` 4.1.0

Cleans (deletes) the current output buffer

bool `ob_end_clean(void)` 4.0

Cleans the output buffer and then deletes current output buffer

bool `ob_end_flush(void)` 4.0

Flushes (sends) the output buffer and then deletes current output buffer

bool `ob_flush(void)` 4.1.0

Flushes (sends) contents of the output buffer

string `ob_get_contents(void)` 4.0

Returns the contents of the output buffer

string `ob_get_length(void)` 4.0.2

Returns the length of the output buffer

int `ob_get_level(void)` 4.1.0

Returns the nesting level of the output buffer

false|array `ob_get_status([bool full_status])` 4.1.0

Returns the status of the active or all output buffers

string `ob_gzhandler(string str, int mode)` 4.0.4

Encodes `str` based on `accept-encoding` setting; designed to be called from `ob_start( )`

string `ob_iconv_handler(string contents, int status)` 4.0.5

Returns string in the output buffer converted into the `iconv.output_encoding` character set

void `ob_implicit_flush([int flag])` 4.0

Turns implicit flush on/off; equivalent to calling `flush( )` after every output call

false|array `ob_list_handlers( )` 4.3.0

Lists all output buffers in an array

bool `ob_start([ string|array user_function[, int chunk_size[, bool erase]])` 4.0

Turns on output buffering (specifying an optional output handler)

int `ocibindbyname(int stmt, string name, mixed &var, int maxlength[, int type])` 3.0.4

Binds a PHP variable to an Oracle placeholder by name

int `ocicancel(int stmt)` 3.0.8

Prepares a new row of data for reading

string `ocicloselob(object lob)` 4.0.6

Closes a large object descriptor

string `ocicollappend(object collection, object object)` 4.0.6

Appends an object to the collection

`string ocicollassign(object collection,object object) 4.0.6`

Assigns a collection from another existing collection

`string ocicollassignelem(object collection, string ndx, string val) 4.0.6`

Assigns element `val` to collection at index `ndx`

`string ocicollgetelem(object collection, string ndx) 4.0.6`

Retrieves the value at collection index `ndx`

`string ocicollmax(object collection) 4.0.6`

Returns the maximum value of a collection; for a varray this is the maximum length of the array

`string ocicollsize(object collection) 4.0.6`

Returns the size of a collection

`string ocicolltrim(object collection, int num) 4.0.6`

Trims `num` elements from the end of a collection

`int ocicolumnisnull(int stmt, int col) 3.0.4`

Tells whether a column is NULL

`string ocicolumnname(int stmt, int col) 3.0.4`

Tells the name of a column

`int ocicolumnprecision(int stmt, int col) 4.0`

Tells the precision of a column

`int ocicolumnscale(int stmt, int col) 4.0`

Tells the scale of a column

`int ocicolumnsize(int stmt, int col) 3.0.4`

Tells the maximum data size of a column

`mixed ocicolumntype(int stmt, int col) 3.0.4`

Tells the data type of a column

`mixed ocicolumntyperaw(int stmt, int col) 4.0`

Tells the raw Oracle data type of a column

string ocicommit(int conn) 3.0.7

Commits the current context

int ocidefinebyname(int stmt, string name, mixed &var[, int type]) 3.0.7

Defines a PHP variable to an Oracle column by name

array ocierror([int stmt|conn|global]) 3.0.7

Returns the last error of `stmt|conn|global`; returns `false` if no error has occurred

int ociexecute(int stmt[, int mode]) 3.0.4

Executes a parsed statement

int ocifetch(int stmt) 3.0.4

Prepares a new row of data for reading

int ocifetchinto(int stmt, array &output[, int mode]) 3.0.4

Fetches a row of result data into an array

int ocifetchstatement(int stmt, array &output[, int skip][, int maxrows][, int flags]) 3.0.8

Fetches all rows of result data into an array

string ocifreecollection(object lob) 4.1.0

Deletes collection object

string ocifreedesc(object lob) 4.0

Deletes large object description

int ocifreestatement(int stmt) 3.0.5

Frees all resources associated with a statement

void ociinternaldebug(int onoff) 3.0.4

Toggles internal debugging output for the OCI extension

string ociloadlob(object lob) 4.0

Loads a large object

int ocilogoff(int conn) 3.0.4

Disconnects from database

`int ocilogon(string user, string pass[, string db])` 3.0.4

Connects to an Oracle database and logs on

`string ocinewcollection(int connection, string tdo,[string schema])` 4.0.6

Initializes a new collection

`int ocinewcursor(int conn)` 3.0.8

Returns a new cursor (statement handle); use to bind ref cursors

`string ocinewdescriptor(int connection[, int type])` 3.0.7

Initializes a new empty LOB or FILE descriptor (LOB is default)

`int ocinlogon(string user, string pass[, string db])` 3.0.8

Creates a new connection to an Oracle database and logs on; returns a new session

`int ocinumcols(int stmt)` 3.0.4

Returns the number of result columns in a statement

`int ociparse(int conn, string query)` 3.0.4

Parses a query and returns a statement

`int ociplogon(string user, string pass[, string db])` 3.0.8

Connects to an Oracle database using a persistent connection and logs on

`string ociresult(int stmt, mixed column)` 3.0.4

Returns a single column of result data

`string ocirollback(int conn)` 3.0.7

Rolls back the current context

`int ocirowcount(int stmt)` 3.0.7

Returns the row count of an OCI statement

`string ocisavelob(object lob)` 4.0

Saves a large object

`string ocisavelobfile(object lob)` 4.0

Saves a large object file

`string ociserverversion(int conn)` 3.0.4

Returns a string containing server version information

`int ocisetprefetch(int stmt, int prefetch_rows)` 3.0.12

Sets the number of rows to be prefetched for the statement

`int ocistatementtype(int stmt)` 3.0.5

Returns the query type of an OCI statement

`void ociwritelobtofile(object lob[, string filename][, int start][, int length])` 4.0

Writes a large object into a file

`int ociwritetemporarylob(int stmt, int loc, string var)` 4.0.6

Returns the row count of an OCI statement

`int octdec(string octal_number)` 3.0

Returns the decimal equivalent of an octal string

`mixed opendir(string path)` 3.0

Opens a directory and returns a `dir_handle`

`bool openlog(string ident, int option, int facility)` 3.0

Opens connection to system logger

OR 4.0

Language keyword that is similar to the `||` operator, except lower precedence

`int ord(string character)` 3.0

Returns ASCII value of character

`void overload(string class_entry)` 4.1.0

Enables property and method call overloading for a class

`string pack(string format, mixed arg1[, mixed arg2[, mixed ...]])` 3.0

Takes one or more arguments and packs them into a binary string according to the format argument

`array parse_ini_file(string filename[, bool process_sections])` 4.0

Parses configuration file

`void parse_str(string encoded_string[, array result]) 3.0`

Parses GET/POST/Cookie data and sets global variables

`array parse_url(string url) 3.0`

Parses a URL and returns its components

`void passthru(string command[, int return_value]) 3.0`

Executes an external program and displays raw output

`array pathinfo(string path) 4.0.3`

Returns information about a certain string

`int pclose(resource fp) 3.0`

Closes a file pointer opened by `popen( )`

`int pcntl_alarm(int seconds) 4.3.0`

Sets an alarm clock for delivery of a signal

`bool pcntl_exec(string path[, array args[, array envs]]) 4.1.0`

Executes specified program in current process space as defined by `exec()`

`int pcntl_fork(void) 4.1.0`

Forks the currently running process following the same behavior as the Unix `fork( )` system call

`bool pcntl_signal(long signo, mixed handle) 4.1.0`

Assigns a system signal handler to a PHP function

`int pcntl_waitpid(long pid, long status, long options) 4.1.0`

Waits on or returns the status of a forked child as defined by the `waitpid( )` system call

`int pcntl_wexitstatus(long status) 4.1.0`

Returns the status code of a child's exit

`bool pcntl_wifexited(long status) 4.1.0`

Returns true if the child status code represents a successful exit

`bool pcntl_wifsignaled(long status) 4.1.0`

Returns true if the child status code represents a process that was terminated due to a signal

`bool pcntl_wifstopped(long status)` 4.1.0

Returns true if the child status code represents a stopped process (WUNTRACED must have been used with `waitpid()`)

`int pcntl_wstopsig(long status)` 4.1.0

Returns the number of the signal that caused the specified process to stop

`int pcntl_wtermsig(long status)` 4.1.0

Returns the number of the signal that terminated the specified process

`void pdf_add_annotation(int pdfdoc, float xll, float yll, float xur, float yur, string title, string text)` 3.0.12

Sets annotation (deprecated; use `pdf_add_note()` instead)

`int pdf_add_bookmark(int pdfdoc, string text[, int parent, int open])` 4.0.1

Adds bookmark for current page

`void pdf_add_launchlink(int pdfdoc, float llx, float lly, float urx, float ury, string filename)` 4.0.5

Adds link to web resource

`void pdf_add_locallink(int pdfdoc, float llx, float lly, float urx, float ury, int page, string dest)` 4.0.5

Adds link to web resource

`void pdf_add_note(int pdfdoc, float llx, float lly, float urx, float ury, string contents, string title, string icon, int open)` 4.0.5

Sets annotation

`void pdf_add_pdflink(int pdfdoc, float llx, float lly, float urx, float ury, string filename, int page, string dest)` 3.0.12

Adds link to PDF document

`void pdf_add_thumbnail(int pdf, int image)` 4.0.5

Adds an existing image as thumbnail for the current page.

`void pdf_add_weblink(int pdfdoc, float llx, float lly, float urx, float ury, string url)` 3.0.12

Adds link to web resource

`void pdf_arc(int pdfdoc, float x, float y, float radius, float start, float end)` 3.0.6

Draws an arc

`void pdf_arcn(int pdf, float x, float y, float r, float alpha, float beta) 4.0.5`

Draws a clockwise circular arc from alpha to beta degrees

`void pdf_attach_file(int pdf, float lly, float lly, float urx, float ury, string filename, string description, string author, string mimetype, string icon) 4.0.5`

Adds a file attachment annotation at the rectangle specified by the lower left and upper right corners

`void pdf_begin_page(int pdfdoc, float width, float height) 3.0.6`

Starts page

`int pdf_begin_pattern(int pdf, float width, float height, float xstep, float ystep, int painttype) 4.0.5`

Start a new pattern definition

`int pdf_begin_template(int pdf, float width, float height) 4.0.5`

Start a new template definition

`void pdf_circle(int pdfdoc, float x, float y, float radius) 3.0.6`

Draws a circle

`void pdf_clip(int pdfdoc) 3.0.6`

Clips to current path

`void pdf_close(int pdfdoc) 3.0.6`

Closes the PDF document

`void pdf_close_image(int pdf, int pdfimage) 3.0.7`

Closes the PDF image

`void pdf_close_pdi(int pdf, int doc) 4.0.5`

Closes all open page handles and closes the input PDF document

`void pdf_close_pdi_page(int pdf, int page) 4.0.5`

Closes the page handle and frees all page-related resources

`void pdf_closepath(int pdfdoc) 3.0.6`

Closes path

`void pdf_closepath_fill_stroke(int pdfdoc) 3.0.6`

Closes, fills, and strokes current path

`void pdf_closepath_stroke(int pdfdoc)` 3.0.6

Closes path and draws line along path

`void pdf_concat(int pdf, float a, float b, float c, float d, float e, float f)` 4.0.5

Concatenates a matrix to the current transformation matrix for text and graphics

`void pdf_continue_text(int pdfdoc, string text)` 3.0.6

Outputs text in next line

`void pdf_curveto(int pdfdoc, float x1, float y1, float x2, float y2, float x3, float y3)` 3.0.6

Draws a curve

`bool pdf_delete(int pdfdoc)` 4.0.5

Deletes the PDF object

`void pdf_end_page(int pdfdoc)` 3.0.6

Ends page

`void pdf_end_pattern(int pdf)` 4.0.5

Finishes the pattern definition

`void pdf_end_template(int pdf)` 4.0.5

Finishes the template definition

`void pdf_endpath(int pdfdoc)` 3.0.6

Ends current path

`void pdf_fill(int pdfdoc)` 3.0.6

Fills current path

`void pdf_fill_stroke(int pdfdoc)` 3.0.6

Fills and stroke current path

`int pdf_findfont(int pdfdoc, string fontname, string encoding[, int embed])` 4.0.5

Prepares the font fontname for later use with `pdf_setfont( )`

`int pdf_get_buffer(int pdfdoc)` 4.0.5

Fetches the full buffer containing the generated PDF data

`int pdf_get_font(int pdfdoc)` 4.0

Gets the current font

string pdf\_get\_fontname(int pdfdoc) 4.0

Gets the current font name

float pdf\_get\_fontsize(int pdfdoc) 4.0

Gets the current font size

int pdf\_get\_image\_height(int pdf, int pdfimage) 3.0.12

Returns the height of an image

int pdf\_get\_image\_width(int pdf, int pdfimage) 3.0.12

Returns the width of an image

int pdf\_get\_majorversion( ) 4.1.0

Returns the major version number of the PDFlib

int pdf\_get\_minorversion( ) 4.1.0

Returns the minor version number of the PDFlib

string pdf\_get\_parameter(int pdfdoc, string key, mixed modifier) 4.0.1

Gets arbitrary parameters

string pdf\_get\_pdi\_parameter(int pdf, string key, int doc, int page, int index) 4.0.5

Gets the contents of some PDI document parameter with string type

float pdf\_get\_pdi\_value(int pdf, string key, int doc, int page, int index) 4.0.5

Gets the contents of some PDI document parameter with numerical type

float pdf\_get\_value(int pdfdoc, string key, float modifier) 4.0.1

Gets arbitrary value

void pdf\_initgraphics(int pdf) 4.0.5

Resets all implicit color and graphics state parameters to their defaults

void pdf\_lineto(int pdfdoc, float x, float y) 3.0.6

Draws a line

int pdf\_makespotcolor(int pdf, string spotname) 4.0.5

Makes a named spot color from the current color

`void pdf_moveto(int pdfdoc, float x, float y)` 3.0.6

Sets current point

`int pdf_new()` 4.0.5

Creates a new PDF object

`int pdf_open([int filedesc])` 3.0.6

Opens a new PDF document (deprecated; use `pdf_new()` and `pdf_open_file()` instead)

`int pdf_open_ccitt(int pdf, string filename, int width, int height, int bitreverse, int k, int blacks1)` 4.0.5

Opens an image file with raw CCITT G3 or G4 compressed bitmap data

`int pdf_open_file(int pdfdoc[, char filename])` 4.0.5

Opens a new PDF document; if filename is NULL, document is created in memory

`int pdf_open_gif(int pdf, string giffile)` 3.0.7

Opens a GIF file and returns an image for placement in a PDF document

`int pdf_open_image(int pdf, string type, string source, string data, long length, int width, int height, int components, int bpc, string params)` 4.0.5

Opens an image of the given type and returns an image for placement in a PDF document

`int pdf_open_image_file(int pdf, string type, string file, string stringparam, int intparam)` 3 CVS Only

Opens an image file of the given type and returns an image for placement in a PDF document

`int pdf_open_jpeg(int pdf, string jpegfile)` 3.0.7

Opens a JPEG file and returns an image for placement in a PDF document

`int pdf_open_memory_image(int pdf, int image)` 3.0.10

Takes a GD image and returns an image for placement in a PDF document

`int pdf_open_pdi(int pdf, string filename, string stringparam, int intparam)` 4.0.5

Opens an existing PDF document and prepare it for later use

`int pdf_open_pdi_page(int pdf, int doc, int page, string label)` 4.0.5

Prepares a page for later use with `pdf_place_image()`

`int pdf_open_png(int pdf, string pngfile)` 4.0

Opens a PNG file and returns an image for placement in a PDF document

`int pdf_open_tiff(int pdf, string tifffile) 4.0`

Opens a TIFF file and returns an image for placement in a PDF document

`void pdf_place_image(int pdf, int pdfimage, float x, float y, float scale) 3.0.7`

Places image in the PDF document

`void pdf_place_pdi_page(int pdf, int page, float x, float y, float sx, float sy) 4.0.6`

Places a PDF page with lower left corner at x, y and scales it

`void pdf_rect(int pdfdoc, float x, float y, float width, float height) 3.0.6`

Draws a rectangle

`void pdf_restore(int pdfdoc) 3.0.6`

Restores formerly saved environment

`void pdf_rotate(int pdfdoc, float angle) 3.0.6`

Sets rotation

`void pdf_save(int pdfdoc) 3.0.6`

Saves current environment

`void pdf_scale(int pdfdoc, float x_scale, float y_scale) 3.0.6`

Sets scaling

`void pdf_set_border_color(int pdfdoc, float red, float green, float blue) 3.0.12`

Sets color of box surrounding annotations and links

`void pdf_set_border_dash(int pdfdoc, float black, float white) 4.0.1`

Sets the border dash style of annotations and links

`void pdf_set_border_style(int pdfdoc, string style, float width) 3.0.12`

Sets style of box surrounding annotations and links

`void pdf_set_char_spacing(int pdfdoc, float space) 3.0.6`

Sets character spacing

`void pdf_set_duration(int pdfdoc, float duration) 3.0.6`

Sets duration between pages

`void pdf_set_font(int pdfdoc, string font, float size, string encoding[, int embed]) 3.0.6`

Selects the current font face, size, and encoding

`void pdf_set_horiz_scaling(int pdfdoc, float scale) 3.0.6`

Sets horizontal scaling of text

`bool pdf_set_info(int pdfdoc, string fieldname, string value) 4.0.1`

Fills an information field of the document

`bool pdf_set_info_author(int pdfdoc, string author) 3.0.6`

Fills the author field of the document

`bool pdf_set_info_creator(int pdfdoc, string creator) 3.0.6`

Fills the creator field of the document

`bool pdf_set_info_keywords(int pdfdoc, string keywords) 3.0.6`

Fills the keywords field of the document

`bool pdf_set_info_subject(int pdfdoc, string subject) 3.0.6`

Fills the subject field of the document

`bool pdf_set_info_title(int pdfdoc, string title) 3.0.6`

Fills the title field of the document

`void pdf_set_leading(int pdfdoc, float distance) 3.0.6`

Sets distance between text lines

`void pdf_set_parameter(int pdfdoc, string key, string value) 4.0`

Sets arbitrary parameters

`void pdf_set_text_pos(int pdfdoc, float x, float y) 3.0.6`

Sets the position of text for the next `pdf_show()` call

`void pdf_set_text_rendering(int pdfdoc, int mode) 3.0.6`

Determines how text is rendered

`void pdf_set_text_rise(int pdfdoc, float value) 3.0.6`

Sets the text rise

`void pdf_set_transition(int pdfdoc, int transition) 3.0.6`

Sets transitions between pages

`void pdf_set_value(int pdfdoc, string key, float value) 4.0.1`

Sets arbitrary value

`void pdf_set_word_spacing(int pdfdoc, float space) 3.0.6`

Sets spacing between words

`void pdf_setcolor(int pdf, string type, string colorspace, float c1[, float c2[, float c3[, float c4]]) 4.0.5`

Sets the current color space and color.

`void pdf_setdash(int pdfdoc, float black, float white) 3.0.6`

Sets dash pattern

`void pdf_setflat(int pdfdoc, float value) 3.0.6`

Sets flatness

`void pdf_setfont(int pdfdoc, int font, float fontsize) 4.0.5`

Sets the current font in the given fontsize

`void pdf_setgray(int pdfdoc, float value) 3.0.6`

Sets drawing and filling color to gray value

`void pdf_setgray_fill(int pdfdoc, float value) 3.0.6`

Sets filling color to gray value

`void pdf_setgray_stroke(int pdfdoc, float value) 3.0.6`

Sets drawing color to gray value

`void pdf_setlinecap(int pdfdoc, int value) 3.0.6`

Sets line cap parameter

`void pdf_setlinejoin(int pdfdoc, int value) 3.0.6`

Sets line join parameter

`void pdf_setlinewidth(int pdfdoc, float width) 3.0.6`

Sets line width

`void pdf_setmatrix(int pdf, float a, float b, float c, float d, float e, float f)` 4.0.5

Sets the current transformation matrix

`void pdf_setmiterlimit(int pdfdoc, float value)` 3.0.6

Sets miter limit

`void pdf_setpolydash(int pdfdoc, float darray)` 4.0.5

Sets more complicated dash pattern

`void pdf_setrgbcolor(int pdfdoc, float red, float green, float blue)` 3.0.6

Sets drawing and filling color to RGB color value

`void pdf_setrgbcolor_fill(int pdfdoc, float red, float green, float blue)` 3.0.6

Sets filling color to RGB color value

`void pdf_setrgbcolor_stroke(int pdfdoc, float red, float green, float blue)` 3.0.6

Sets drawing color to RGB color value

`void pdf_show(int pdfdoc, string text)` 3.0.6

Outputs text at current position

`int pdf_show_boxed(int pdfdoc, string text, float x_koor, float y_koor, float width, float height, string mode[, string feature])` 4.0

Outputs text formatted in a boxed

`void pdf_show_xy(int pdfdoc, string text, float x_koor, float y_koor)` 3.0.6

Outputs text at position

`void pdf_skew(int pdfdoc, float xangle, float yangle)` 4.0

Skews the coordinate system

`float pdf_stringwidth(int pdfdoc, string text[, int font, float size])` 3.0.6

Returns width of text in current font

`void pdf_stroke(int pdfdoc)` 3.0.6

Draws line along path

`void pdf_translate(int pdfdoc, float x, float y)` 3.0.6

Sets origin of coordinate system

`int pfsockopen(string hostname, int port[, int errno[, string errstr[, float timeout]])` 3.0.7

Opens persistent Internet or Unix domain socket connection

`int pg_affected_rows(resource result)` 4.1.0

Returns the number of affected tuples

`bool pg_cancel_query(resource connection)` 4.1.0

Cancels request

`string pg_client_encoding([resource connection])` 3 CVS Only

Gets the current client encoding

`bool pg_close([resource connection])` 3.0

Closes a PostgreSQL connection

`resource pg_connect([string connection_string] | [string host, string port[, string options[, string tty,]] string database)` 3.0

Opens a PostgreSQL connection

`bool pg_connection_busy(resource connection)` 4.1.0

Gets whether connection is busy or not

`bool pg_connection_reset(resource connection)` 4.1.0

Resets connection (reconnects)

`int pg_connection_status(resource connection)` 4.1.0

Gets connection status

`array pg_convert(resource db, string table, array values[, int options])` 4.3.0

Checks and converts values for PostgreSQL SQL statement

`bool pg_copy_from(int connection, string table_name, array rows[, string delimiter[, string null_as]])` 4.1.0

Copies table from array

`array pg_copy_to(int connection, string table_name[, string delimiter[, string null_as]])` 4.1.0

Copies table to array

`string pg_dbname([resource connection])` 3.0

Gets the database name

`bool pg_delete(resource db, string table, array ids[, int options])` 4.3.0

Deletes records with values in ids

`bool pg_end_copy([resource connection])` 4.0.3

Completes the a copy command by syncing with the backend

`string pg_escape_bytea(string data)` 4.1.0

Escapes a string for the bytea type

`string pg_escape_string(string data)` 4.1.0

Escapes a string for text/char type

`array pg_fetch_all(resource result)` 4.3.0

Fetches all rows into array

`array pg_fetch_array(resource result[, int row[, int result_type]])` 3.0.1

Fetches a row as an array

`object pg_fetch_object(resource result[, int row[, int result_type]])` 3.0.1

Fetches a row as an object

`mixed pg_fetch_result(resource result, [int row_number,] mixed field_name)` 4.1.0

Returns values from a result identifier

`array pg_fetch_row(resource result[, int row[, int result_type]])` 3.0.1

Gets a row as an enumerated array

`int pg_field_is_null(resource result, [int row,] mixed field_name_or_number)` 4.1.0

Tests if a field is NULL

`string pg_field_name(resource result, int field_number)` 4.1.0

Returns the name of the field

`int pg_field_num(resource result, string field_name)` 4.1.0

Returns the field number of the named field

`int pg_field_prtlen(resource result, [int row,] mixed field_name_or_number)` 4.1.0

Returns the printed length

`int pg_field_size(resource result, int field_number)` 4.1.0

Returns the internal size of the field

`string pg_field_type(resource result, int field_number)` 4.1.0

Returns the type name for the given field

`bool pg_free_result(resource result)` 4.1.0

Frees result memory

`resource pg_get_result([resource connection])` 4.1.0

Gets asynchronous query result

`string pg_host([resource connection])` 3.0

Returns the hostname associated with the connection

`bool pg_insert(resource db, string table, array values[, int options])` 4.3.0

Inserts an array of values into table

`string pg_last_error([resource connection])` 4.1.0

Gets the error message string

`string pg_last_notice(resource connection)` 4.0.6

Returns the last notice set by the backend

`string pg_last_oid(resource result)` 4.1.0

Returns the last object identifier

`bool pg_lo_close(resource large_object)` 4.1.0

Closes a large object

`int pg_lo_create([resource connection])` 4.1.0

Creates a large object

`bool pg_lo_export([resource connection, ] int objoid, string filename)` 4.1.0

Exports a large object directly to filesystem

`int pg_lo_import([resource connection, ] string filename)` 4.1.0

Imports a large object directly from filesystem

resource pg\_lo\_open([resource connection,] int large\_object\_oid, string mode) 4.1.0

Opens a large object and returns the file descriptor

string pg\_lo\_read(resource large\_object[, int len]) 4.1.0

Reads a large object

int pg\_lo\_read\_all(resource large\_object) 4.1.0

Reads a large object and sends it straight to the browser

bool pg\_lo\_seek(resource large\_object, int offset[, int whence]) 4.1.0

Seeks position of large object

int pg\_lo\_tell(resource large\_object) 4.1.0

Returns current position of large object

bool pg\_lo\_unlink([resource connection,] string large\_object\_oid) 4.1.0

Deletes a large object

int pg\_lo\_write(resource large\_object, string buf[, int len]) 4.1.0

Writes a large object

array pg\_metadata(resource db, string table) 4.3.0

Gets metadata

int pg\_num\_fields(resource result) 4.1.0

Returns the number of fields in the result

int pg\_num\_rows(resource result) 4.1.0

Returns the number of rows in the result

string pg\_options([resource connection]) 3.0

Gets the options associated with the connection

resource pg\_pconnect([string connection\_string] | [string host, string port[, string options[, string tty,]] string database) 3.0

Opens a persistent PostgreSQL connection

int pg\_port([resource connection]) 3.0

Returns the port number associated with the connection

bool pg\_put\_line([resource connection,] string query) 4.0.3

Sends null-terminated string to backend server

resource pg\_query([resource connection,] string query) 4.1.0

Executes a query

string pg\_result\_error(resource result) 4.1.0

Gets error message associated with result

int pg\_result\_status(resource result[, long result\_type]) 4.1.0

Gets status of query result

array pg\_select(resource db, string table, array ids[, int options]) 4.3.0

Selects records that have values in ids

bool pg\_send\_query(resource connection, string query) 4.1.0

Sends asynchronous query

int pg\_set\_client\_encoding([resource connection,] string encoding) 3 CVS Only

Sets client encoding

bool pg\_trace(string filename[, string mode[, resource connection]]) 4.0.1

Enables tracing a PostgreSQL connection

string pg\_tty([resource connection]) 3.0

Returns the tty name associated with the connection

bool pg\_untrace([resource connection]) 4.0.1

Disables tracing of a PostgreSQL connection

bool pg\_update(resource db, string table, array fields, array ids[, int options]) 4.3.0

Updates table using values in fields and ids

string php\_sapi\_name(void) 4.0.1

Returns the current SAPI module name

string php\_uname(void) 4.0.2

Returns information about the system PHP was built on

`void phpcredits([int flag]) 4.0`

Prints the list of people who have contributed to the PHP project

`void phpinfo([int what]) 3.0`

Outputs a page of useful information about PHP and the current request

`string phpversion([string extension]) 3.0`

Returns the current PHP version

`float pi(void) 3.0`

Returns an approximation of pi

`void png2wbmp (string f_org, string f_dest, int d_height, int d_width, int threshold) 4.0.5`

Converts PNG image to WBMP image

`resource popen(string command, string mode) 3.0`

Executes a command and opens either a read or a write pipe to it

`string posix_ctermid(void) 3.0.13`

Generates terminal path name (POSIX.1, 4.7.1)

`int posix_get_last_error(void) 4.1.0`

Retrieves the error number set by the last Posix function that failed.

`string posix_getcwd(void) 3.0.13`

Gets working directory pathname (POSIX.1, 5.2.2)

`int posix_getegid(void) 3.0.10`

Gets the current effective group ID (POSIX.1, 4.2.1)

`int posix_geteuid(void) 3.0.10`

Gets the current effective user ID (POSIX.1, 4.2.1)

`int posix_getgid(void) 3.0.10`

Gets the current group ID (POSIX.1, 4.2.1)

`array posix_getgrgid(long gid) 3.0.13`

Gets information about a group by group ID (POSIX.1, 9.2.1)

array posix\_getgrnam(string groupname) 3.0.13

Gets information about a group by group name (POSIX.1, 9.2.1)

array posix\_getgroups(void) 3.0.10

Gets supplementary group IDs (POSIX.1, 4.2.3)

string posix\_getlogin(void) 3.0.13

Gets user name (POSIX.1, 4.2.4)

int posix\_getpgid(void) 3.0.10

Gets the process group ID of the specified process (not a POSIX function, but a SVR4ism, so we compile conditionally)

int posix\_getpgrp(void) 3.0.10

Gets current process group ID (POSIX.1, 4.3.1)

int posix\_getpid(void) 3.0.10

Gets the current process ID (POSIX.1, 4.1.1)

int posix\_getppid(void) 3.0.10

Gets the parent process ID (POSIX.1, 4.1.1)

array posix\_getpwnam(string groupname) 3.0.13

Gets information about a user by username (POSIX.1, 9.2.2)

array posix\_getpwuid(long uid) 3.0.13

Gets information about a user by user ID (POSIX.1, 9.2.2)

int posix\_getrlimit(void) 3.0.10

Gets system resource consumption limits (not a POSIX function, but a BSDism and a SVR4ism, so we compile conditionally)

int posix\_getsid(void) 3.0.10

Gets process group ID of session leader (not a POSIX function, but a SVR4ism, so we compile conditionally)

int posix\_getuid(void) 3.0.10

Gets the current user ID (POSIX.1, 4.2.1)

`bool posix_isatty(int fd)` 3.0.13

Determine if file descriptor is a tty (POSIX.1, 4.7.1)

`bool posix_kill(int pid, int sig)` 3.0.13

Sends a signal to a process (POSIX.1, 3.3.2)

`bool posix_mkfifo(string pathname, int mode)` 3.0.13

Makes a FIFO special file (POSIX.1, 5.4.2)

`bool posix_setegid(long uid)` 4.0.2

Sets effective group ID

`bool posix_seteuid(long uid)` 4.0.2

Sets effective user ID

`bool posix_setgid(int uid)` 3.0.13

Sets group ID (POSIX.1, 4.2.2)

`bool posix_setpgid(int pid, int pgid)` 3.0.13

Sets process group ID for job control (POSIX.1, 4.3.3)

`int posix_setsid(void)` 3.0.13

Creates session and sets process group ID (POSIX.1, 4.3.2)

`bool posix_setuid(long uid)` 3.0.13

Sets user ID (POSIX.1, 4.2.2)

`string posix_strerror(int errno)` 4.1.0

Retrieves the system error message associated with the given errno

`array posix_times(void)` 3.0.13

Gets process times (POSIX.1, 4.5.2)

`string posix_ttyname(int fd)` 3.0.13

Determines terminal device name (POSIX.1, 4.7.2)

`array posix_uname(void)` 3.0.10

Gets system name (POSIX.1, 4.4.1)

`number pow(number base, number exponent)` 3.0

Returns base raised to the power of exponent (as an integer result when possible)

array preg\_grep(string regex, array input) 4.0

Searches array and returns entries that match regex

int preg\_match(string pattern, string subject[, array subpatterns[, int flags]]) 3.0.9

Performs a Perl-style regular expression match

int preg\_match\_all(string pattern, string subject, array subpatterns[, int flags]) 3.0.9

Performs a Perl-style global regular expression match

string preg\_quote(string str, string delim\_char) 3.0.9

Quotes regular expression characters plus an optional character

string preg\_replace(mixed regex, mixed replace, mixed subject[, int limit]) 3.0.9

Performs Perl-style regular expression replacement.

string preg\_replace\_callback(mixed regex, mixed callback, mixed subject[, int limit]) 4.0.5

Performs Perl-style regular expression replacement using replacement callback.

array preg\_split(string pattern, string subject[, int limit[, int flags]]) 3.0.9

Splits string into an array using a Perl-style regular expression as a delimiter

mixed prev(array array\_arg) 3.0

Moves an array's internal pointer to the previous element and returns it

bool print(string arg) 3.0

Outputs a string

bool print\_r(mixed var[, bool return]) 4.0

Prints out or returns information about the specified variable

int printf(string format[, mixed arg1[, mixed ...]]) 3.0

Outputs a formatted string

int proc\_close(resource process) 4.3.0

Closes a process opened by proc\_open()

resource proc\_open(string command, array descriptorspec, array &pipes) 4.3.0

Run a process with more control over its file descriptors

`int pspell_add_to_personal(int pspell, string word)` 4.0.2

Adds a word to a personal list

`int pspell_add_to_session(int pspell, string word)` 4.0.2

Adds a word to the current session

`int pspell_check(int pspell, string word)` 4.0.2

Returns true if word is valid

`int pspell_clear_session(int pspell)` 4.0.2

Clears the current session

`int pspell_config_create(string language[, string spelling[, string jargon[, string encoding]])` 4.0.2

Creates a new configuration to be used later to create a manager

`int pspell_config_ignore(int conf, int ignore)` 4.0.2

Ignore words with ignore characters or less

`int pspell_config_mode(int conf, long mode)` 4.0.2

Selects mode for configuration (PSPELL\_FAST, PSPELL\_NORMAL, or PSPELL\_BAD\_SPELLERS)

`int pspell_config_personal(int conf, string personal)` 4.0.2

Uses a personal dictionary for this configuration

`int pspell_config_repl(int conf, string repl)` 4.0.2

Uses a personal dictionary with replacement pairs for this configuration

`int pspell_config_runtogether(int conf, bool runtogether)` 4.0.2

Considers run-together words as valid components

`int pspell_config_save_repl(int conf, bool save)` 4.0.2

Saves replacement pairs when a personal list is saved for this configuration

`int pspell_new(string language[, string spelling[, string jargon[, string encoding[, int mode]])` 4.0.2

Loads a dictionary

`int pspell_new_config(int config)` 4.0.2

Loads a dictionary based on the given configuration

`int pspell_new_personal(string personal, string language[, string spelling[, string jargon[, string encoding[, int mode]]]])` 4.0.2

Loads a dictionary with a personal word list

`int pspell_save_wordlist(int pspell)` 4.0.2

Saves the current (personal) wordiest

`int pspell_store_replacement(int pspell, string misspell, string correct)` 4.0.2

Notifies the dictionary of a user-selected replacement

`array pspell_suggest(int pspell, string word)` 4.0.2

Returns array of suggestions

`bool putenv(string setting)` 3.0

Sets the value of an environment variable

`string quoted_printable_decode(string str)` 3.0.6

Converts a quoted-printable string to an 8 bit string

`string quotemeta(string str)` 3.0

Quotes meta characters

`float rad2deg(float number)` 3.0.4

Converts the radian number to the equivalent number in degrees

`int rand([int min, int max])` 3.0

Returns a random number

`array range(mixed low, mixed high)` 3.0.8

Creates an array containing the range of integers or characters from low to high (inclusive)

`string rawurldecode(string str)` 3.0

Decodes a URL-encoded string

`string rawurlencode(string str)` 3.0

URL-encodes a string

`string readdir([resource dir_handle])` 3.0

Reads directory entry from `dir_handle`

`int readfile(string filename[, int use_include_path])` 3.0

Outputs a file or a URL

`int readgzfile(string filename[, int use_include_path])` 3.0

Outputs a .gz file

`string readlink(string filename)` 3.0

Returns the target of a symbolic link

`string realpath(string path)` 4.0

Returns the resolved path

`bool recode_file(string request, resource input, resource output)` 3.0.13

Recodes file input into file output according to request

`string recode_string(string request, string str)` 3.0.13

Recodes string `str` according to request string

`void register_shutdown_function(string function_name)` 3.0.4

Registers a user-level function to be called on request termination

`bool register_tick_function(string function_name[, mixed arg[, mixed ... ]])` 4.0.3

Registers a tick callback function

`bool rename(string old_name, string new_name)` 3.0

Renames a file

`bool require filename` 3.0

Includes and evaluates the given file, with a fatal error on failure

`bool require_once filename` 4.0

Includes and evaluates the given file if not already included, with a fatal error on failure

`mixed reset(array array_arg)` 3.0

Sets an array's internal pointer to the first element and returns it

`void restore_error_handler(void)` 4.0.1

Restores the previously defined error handler function

`return(mixed result)` 3.0

Language keyword that returns its argument from a function or from current execution scope

`bool rewind(resource fp)` 3.0

Rewinds the position of a file pointer

`void rewinddir([resource dir_handle])` 3.0

Rewinds `dir_handle` back to the start

`bool rmdir(string dirname)` 3.0

Removes a directory

`float round(float number[, int precision])` 3.0

Returns the number rounded to specified precision

`bool rsort(array array_arg[, int sort_flags])` 3.0

Sorts an array in reverse order

`string rtrim(string str[, string character_mask])` 3.0

Removes trailing whitespace

`int sem_acquire(int id)` 3.0.6

Acquires the semaphore with the given ID, blocking if necessary

`int sem_get(int key[, int max_acquire[, int perm[, int auto_release]])` 3.0.6

Returns an ID for the semaphore with the given key and allows `max_acquire` (default 1) processes to acquire it simultaneously

`int sem_release(int id)` 3.0.6

Releases the semaphore with the given ID

`int sem_remove(int id)` 4.1.0

Removes semaphore from Unix systems

`string serialize(mixed variable)` 3.0.5

Returns a string representation of variable (that can later be unserialized)

`int session_cache_expire([int new_cache_expire])` 4.1.0

Returns the current `cache_expire`; if `new_cache_expire` is given, the current `cache_expire` is replaced with `new_cache_expire`

`string session_cache_limiter([string new_cache_limiter])` 4.0.3

Returns the current `cache_limiter`; if `new_cache_limiter` is given, the current `cache_limiter` is replaced with `new_cache_limiter`

`bool session_decode(string data)` 4.0

Deserializes data and reinitializes the variables

`bool session_destroy(void)` 4.0

Destroys the current session and all data associated with it

`string session_encode(void)` 4.0

Serializes the current setup and returns the serialized representation

`array session_get_cookie_params(void)` 4.0

Returns the session cookie parameters

`string session_id([string newid])` 4.0

Returns the current session ID; if `newid` is given, the session ID is replaced with `newid`

`bool session_is_registered(string varname)` 4.0

Checks if a variable is registered in the session

`string session_module_name([string newname])` 4.0

Returns the current module name used for accessing session data; if `newname` is given, the module name is replaced with `newname`

`string session_name([string newname])` 4.0

Returns the current session name; if `newname` is given, the session name is replaced with `newname`

`bool session_register(mixed var_names[, mixed ...])` 4.0

Adds variable name(s) to the list of variables that are frozen at the session end

`string session_save_path([string newname])` 4.0

Returns the current save path; if `newname` is given, the save path is replaced with `newname`

`void session_set_cookie_params(int lifetime[, string path[, string domain[, bool secure]]])` 4.0

Sets session cookie parameters

`void session_set_save_handler(string open, string close, string read, string write, string destroy, string gc) 4.0`

Sets user-level functions

`bool session_start(void) 4.0`

Begins a session by reinitializing frozen variables, registers browsers, etc.

`bool session_unregister(string varname) 4.0`

Removes varname from the list of variables that are frozen at the session end

`void session_unset(void) 4.0`

Unsets all registered variables

`void session_write_close(void) 4.0.4`

Writes session data and ends session

`string set_error_handler(string error_handler) 4.0.1`

Sets a user-defined error handler function; returns the previously defined error handler, or false on error

`int set_file_buffer(resource fp, int buffer) 3.0.8`

Sets file write buffer

`bool set_magic_quotes_runtime(int new_setting) 3.0.6`

Sets the current active configuration setting of magic\_quotes\_runtime and returns previous setting

`bool set_socket_blocking(resource socket, int mode) 3.0`

Sets blocking/non-blocking mode on a socket

`bool set_time_limit(int seconds) 3.0`

Sets the maximum time a script can run

`bool setcookie(string name[, string value[, int expires[, string path[, string domain[, bool secure]]]]) 3.0`

Sends a cookie

`string setlocale(mixed category, string locale) 3.0`

Sets locale information

`bool settype(mixed var, string type) 3.0`

Sets the type of the variable

string sha1(string str) 4.3.0

Calculates the sha1 hash of a string

string sha1\_file(string filename) 4.3.0

Calculates the sha1 hash of given filename

string shell\_exec(string cmd) 4.0

Executes command via shell and returns complete output as string

int shm\_attach(int key[, int memsize[, int perm]]) 3.0.6

Creates or opens a shared memory segment

int shm\_detach(int shm\_identifier) 3.0.6

Disconnects from shared memory segment

mixed shm\_get\_var(int id, int variable\_key) 3.0.6

Returns a variable from shared memory

int shm\_put\_var(int shm\_identifier, int variable\_key, mixed variable) 3.0.6

Inserts or updates a variable in shared memory

int shm\_remove(int shm\_identifier) 3.0.6

Removes shared memory from Unix systems

int shm\_remove\_var(int id, int variable\_key) 3.0.6

Removes variable from shared memory

void shmop\_close (int shmid) 4.0.4

Closes a shared memory segment

bool shmop\_delete (int shmid) 4.0.4

Marks segment for deletion

int shmop\_open (int key, int flags, int mode, int size) 4.0.4

Gets and attaches a shared memory segment

string shmop\_read (int shmid, int start, int count) 4.0.4

Reads from a shared memory segment

`int shmop_size (int shmid)` 4.0.4

Returns the shared memory size

`int shmop_write (int shmid, string data, int offset)` 4.0.4

Writes to a shared memory segment

`bool shuffle(array array_arg)` 3.0.8

Randomly shuffles the contents of an array

`int similar_text(string str1, string str2[, float percent])` 3.0.7

Calculates the similarity between two strings

`float sin(float number)` 3.0

Returns the sine of the number in radians

`float sinh(float number)` 4.1.0

Returns the hyperbolic sine of the number

`void sleep(int seconds)` 3.0

Delays for a given number of seconds

`bool snmp_get_quick_print(void)` 3.0.8

Returns the current status of `quick_print`

`void snmp_set_quick_print(int quick_print)` 3.0.8

Sets the value of `quick_print`

`string snmpget(string host, string community, string object_id[, int timeout[, int retries]])` 3.0

Fetches a SNMP object

`array snmprealwalk(string host, string community, string object_id[, int timeout[, int retries]])` 3.0.8

Returns all objects, including their respective object IDs, within the specified one

`int snmpset(string host, string community, string object_id, string type, mixed value[, int timeout[, int retries]])`  
3.0.12

Sets the value of a SNMP object

`array snmpwalk(string host, string community, string object_id[, int timeout[, int retries]])` 3.0

Returns all objects under the specified object ID

resource socket\_accept(resource socket) 4.1.0

Accepts a connection on the listening socket

bool socket\_bind(resource socket, string addr[, int port]) 4.1.0

Binds an open socket to a listening port; port is only specified in AF\_INET family

void socket\_clear\_error([resource socket]) 4.1.0

Clears the error on the socket or the last error code

void socket\_close(resource socket) 4.1.0

Closes a file descriptor

bool socket\_connect(resource socket, string addr[, int port]) 4.1.0

Opens a connection to addr:port on the socket specified by socket

resource socket\_create(int domain, int type, int protocol) 4.1.0

Creates an endpoint for communication in the domain specified by domain, of type specified by type

resource socket\_create\_listen(int port[, int backlog]) 4.1.0

Opens a socket on port to accept connections

bool socket\_create\_pair(int domain, int type, int protocol, array &fd) 4.1.0

Creates a pair of indistinguishable sockets and stores them in fd

mixed socket\_get\_option(resource socket, int level, int optname) 4.3.0

Gets socket options for the socket

array socket\_get\_status(resource socket\_descriptor) 4.0

Returns an array describing socket status

bool socket\_getpeername(resource socket, string &addr[, int &port]) 4.1.0

Queries the remote side of the given socket, which may result in either a host/port or a Unix filesystem path, depending on its type

bool socket\_getsockname(resource socket, string &addr[, int &port]) 4.1.0

Queries the remote side of the given socket, which may result in either a host/port or a Unix filesystem path, depending on its type

`bool socket_iovec_add(resource iovec, int iov_len) 4.1.0`

Adds a new vector to the scatter/gather array

`resource socket_iovec_alloc(int num_vectors[, int ...]) 4.1.0`

Builds a struct iovec for use with `sendmsg()`, `recvmsg()`, `writv()`, and `readv()`

`bool socket_iovec_delete(resource iovec, int iov_pos) 4.1.0`

Deletes a vector from an array of vectors

`string socket_iovec_fetch(resource iovec, int iovec_position) 4.1.0`

Returns the data that is stored in the iovec specified by `iovec_id[iovec_position]`

`bool socket_iovec_free(resource iovec) 4.1.0`

Frees the iovec specified by `iovec_id`

`bool socket_iovec_set(resource iovec, int iovec_position, string new_val) 4.1.0`

Sets the data held in `iovec_id[iovec_position]` to `new_val`

`int socket_last_error([resource socket]) 4.1.0`

Returns the last socket error (either the last used or the provided socket resource)

`bool socket_listen(resource socket[, int backlog]) 4.1.0`

Listens for a connection on a socket; `backlog` sets the maximum number of connections allowed to be waiting

`string socket_read(resource socket, int length[, int type]) 4.1.0`

Reads a maximum of `length` bytes from `socket`

`bool socket_readv(resource socket, resource iovec_id) 4.1.0`

Reads from an file descriptor, using the scatter-gather array defined by `iovec_id`

`int socket_recv(resource socket, string &buf, int len, int flags) 4.1.0`

Receives data from a connected socket

`int socket_recvfrom(resource socket, string &buf, int len, int flags, string &name[, int &port]) 4.1.0`

Receives data from a socket, connected or not

`bool socket_recvmsg(resource socket, resource iovec, array &control, int &controllen, int &flags, string &addr[, int &port]) 4.1.0`

Receives messages on a socket, whether connection-oriented or not

`int socket_select(array &read_fds, array &write_fds, &array except_fds, int tv_sec[, int tv_usec]) 4.1.0`

Runs the `select( )` system call on the arrays of sockets with timeouts specified by `tv_sec` and `tv_usec`

`int socket_send(resource socket, string buf, int len, int flags) 4.1.0`

Sends data to a connected socket

`bool socket_sendmsg(resource socket, resource iovec, int flags, string addr[, int port]) 4.1.0`

Sends a message to a socket, regardless of whether it is connection-oriented or not

`int socket_sendto(resource socket, string buf, int len, int flags, string addr[, int port]) 4.1.0`

Sends a message to a socket, whether it is connected or not

`bool socket_set_block(resource socket) 4.1.0`

Sets blocking mode on a socket resource

`bool socket_set_blocking(resource socket, int mode) 4.0`

Set blocking/non-blocking mode on a socket

`bool socket_set_nonblock(resource socket) 4.1.0`

Sets non-blocking mode on a socket resource

`bool socket_set_option(resource socket, int level, int optname, int|array optval) 4.3.0`

Sets socket options for the socket

`bool socket_set_timeout(int socket_descriptor, int seconds, int microseconds) 4.0`

Sets timeout on a socket read to seconds plus microseconds

`bool socket_shutdown(resource socket[, int how]) 4.1.0`

Shuts down a socket for receiving, sending, or both

`string socket_strerror(int errno) 4.1.0`

Returns a string describing an error

`int socket_write(resource socket, string buf[, int length]) 4.1.0`

Writes the buffer to the socket resource

`bool socket_writv(resource socket, resource iovec_id) 4.1.0`

Writes to a file descriptor using the scatter-gather array defined by `iovec_id`

`bool sort(array array_arg[, int sort_flags]) 3.0`

Sorts an array

string soundex(string str) 3.0

Calculates the soundex key of a string

array split(string pattern, string string[, int limit]) 3.0

Splits a string into an array with a regular expression

array spliti(string pattern, string string[, int limit]) 4.0.1

Splits a string into an array with a case-insensitive regular expression

string sprintf(string format[, mixed arg1[, mixed ...]]) 3.0

Returns a formatted string

string sql\_regcase(string string) 3.0

Makes a regular expression for a case-insensitive match

float sqrt(float number) 3.0

Returns the square root of the number

void srand([int seed]) 3.0

Seeds random number generator

mixed sscanf(string str, string format[, string ...]) 4.0.1

Implements an ANSI C compatible sscanf()

array stat(string filename) 3.0

Gives information about a file

static var1[,var2[, ...]] 3.0

Language keyword used inside functions in order to mark a variable as static

string str\_pad(string input, int pad\_length[, string pad\_string[, int pad\_type]]) 4.0.1

Returns input string padded on the left or right to specified length with pad\_string

string str\_repeat(string input, int mult) 4.0

Returns the input string repeated mult times

mixed str\_replace(mixed search, mixed replace, mixed subject[, bool boyer]) 3.0.6

Replaces all occurrences of search in subject with replace

string `str_rot13(string str)` 4.1.0

Performs the rot13 transform on a string

int `strcasecmp(string str1, string str2)` 3.0.2

Performs a binary safe case-insensitive string comparison

string `strchr(string haystack, string needle)` 3.0

An alias for `strstr()`

int `strcmp(string str1, string str2)` 3.0

Performs a binary safe string comparison

int `strcoll(string str1, string str2)` 4.0.5

Compares two strings using the current locale

int `strcspn(string str, string mask)` 3.0.3

Finds length of initial segment consisting entirely of characters not found in mask

resource `stream_context_create([array options])` 4.3.0

Creates a file context and optionally sets parameters

array `stream_context_get_options(resource context|resource stream)` 4.3.0

Retrieves options for a stream/wrapper/context

bool `stream_context_set_option(resource context|resource stream, string wrappername, string optionname, mixed value)` 4.3.0

Sets an option for a wrapper

bool `stream_context_set_params(resource context|resource stream, array options)` 4.3.0

Sets parameters for a file context

string `strftime(string format[, int timestamp])` 3.0

Formats a local time/date according to locale settings

string `strip_tags(string str[, string allowable_tags])` 3.0.8

Strips HTML and PHP tags from a string

string `stripslashes(string str)` 4.0

Strips backslashes from a string; uses C-style conventions

`string stripslashes(string str)` 3.0

Strips backslashes from a string

`string strstr(string haystack, string needle)` 3.0.6

Finds first occurrence of a string within another (case-insensitive)

`int strlen(string str)` 3.0

Gets string length

`int strnatcasecmp(string s1, string s2)` 4.0

Returns the result of case-insensitive string comparison using natural algorithm

`int strnatcmp(string s1, string s2)` 4.0

Returns the result of string comparison using natural algorithm

`int strncasecmp(string str1, string str2, int len)` 4.0.2

Performs a binary safe string comparison of len characters

`int strncmp(string str1, string str2, int len)` 4.0

Performs a binary safe string comparison of len characters

`int strpos(string haystack, string needle[, int offset])` 3.0

Finds position of first occurrence of a string within another

`string strrchr(string haystack, string needle)` 3.0

Finds the last occurrence of a character in a string within another

`string strrev(string str)` 3.0

Reverses a string

`int strrpos(string haystack, string needle)` 3.0

Finds position of last occurrence of a character in a string within another

`int strspn(string str, string mask)` 3.0.3

Finds length of initial segment consisting entirely of characters found in mask

`string strstr(string haystack, string needle)` 3.0

Finds first occurrence of a string within another

`string strtok([string str,] string token) 3.0`

Tokenizes a string

`string strtolower(string str) 3.0`

Makes a string lowercase

`int strtotime(string time, int now) 3.0.12`

Converts string representation of date and time to a timestamp

`string strtoupper(string str) 3.0`

Makes a string uppercase

`string strtr(string str, string from, string to) 3.0`

Translates characters in str using given translation tables

`string strval(mixed var) 3.0`

Gets the string value of a variable

`string substr(string str, int start[, int length]) 3.0`

Returns part of a string

`int substr_count(string haystack, string needle) 4.0`

Returns the number of times a substring occurs in the string

`string substr_replace(string str, string repl, int start[, int length]) 4.0`

Replaces part of a string with another string

`switch(expr) 3.0`

Language keyword that implements the C-like switch construct

`int symlink(string target, string link) 3.0`

Creates a symbolic link

`bool syslog(int priority, string message) 3.0`

Generates a system log message

`int system(string command[, int return_value]) 3.0`

Executes an external program and displays output

`float tan(float number)` 3.0

Returns the tangent of the number in radians

`float tanh(float number)` 4.1.0

Returns the hyperbolic tangent of the number

`string tempnam(string dir, string prefix)` 3.0

Creates a unique filename in a directory

`string textdomain(string domain)` 3.0.7

Sets the textdomain to domain; returns the current domain

`int time(void)` 3.0

Returns current Unix timestamp

`resource tmpfile(void)` 3.0.13

Creates a temporary file that will be deleted automatically after use

`bool touch(string filename[, int time[, int atime]])` 3.0

Sets modification time of file

`void trigger_error(string message[, int error_type])` 4.0.1

Generates a user-level error/warning/notice message

`string trim(string str[, string character_mask])` 3.0

Strips whitespace from the beginning and end of a string

`bool uasort(array array_arg, string cmp_function)` 3.0.4

Sorts an array with a user-defined comparison function and maintains index association

`string ucfirst(string str)` 3.0

Makes a string's first character uppercase

`string ucwords(string str)` 3.0.3

Uppercases the first character of every word in a string

`bool uksort(array array_arg, string cmp_function)` 3.0.4

Sorts an array by keys using a user-defined comparison function

`int umask([int mask])` 3.0

Returns or changes the umask

`string uniqid(string prefix[, bool more_entropy])` 3.0

Generates a unique ID

`int unixtojd([int timestamp])` 4.0

Converts Unix timestamp to Julian day count

`bool unlink(string filename)` 3.0

Deletes a file

`array unpack(string format, string input)` 3.0

Unpacks binary string into named array elements according to format argument

`void unregister_tick_function(string function_name)` 4.0.3

Unregisters a tick callback function

`mixed unserialize(string variable_representation)` 3.0.5

Takes a string representation of variable and recreates it

`void unset(mixed var[, mixed var[, ...]])` 3.0

Unsets a given variable

`string urldecode(string str)` 3.0

Decodes URL-encoded string

`string urlencode(string str)` 3.0

URL-encodes a string

`void usleep(int micro_seconds)` 3.0

Delays for a given number of microseconds

`bool usort(array array_arg, string cmp_function)` 3.0.3

Sorts an array by values using a user-defined comparison function

`string utf8_decode(string data)` 3.0.6

Converts a UTF-8 encoded string to ISO-8859-1

string utf8\_encode(string data) 3.0.6

Encodes an ISO-8859-1 string to UTF-8

var \$prop 3.0

Language keyword that defines a property in a class

void var\_dump(mixed var) 3.0.5

Dumps a string representation of a variable to output

mixed var\_export(mixed var[, bool return]) 4.1.0

Outputs or returns a string representation of a variable

int version\_compare(string ver1, string ver2[, string oper]) 4.1.0

Compares two PHP-standardized version number strings

bool virtual(string filename) 3.0

Performs an Apache subrequest

int vprintf(string format, array args) 4.1.0

Outputs a formatted string

string vsprintf(string format, array args) 4.1.0

Returns a formatted string

while(cond) 3.0

Language keyword that implements a loop that continues until cond is false

string wordwrap(string str[, int width[, string break[, int cut]]]) 4.0.2

Wraps buffer to selected number of characters using string break character

string xml\_error\_string(int code) 3.0.6

Gets XML parser error string

int xml\_get\_current\_byte\_index(resource parser) 3.0.6

Gets current byte index for an XML parser

int xml\_get\_current\_column\_number(resource parser) 3.0.6

Gets current column number for an XML parser

`int xml_get_current_line_number(resource parser) 3.0.6`

Gets current line number for an XML parser

`int xml_get_error_code(resource parser) 3.0.6`

Gets XML parser error code

`int xml_parse(resource parser, string data[, int isFinal]) 3.0.6`

Starts parsing an XML document

`int xml_parse_into_struct(resource parser, string data, array &struct,array &index) 3.0.8`

Parses a XML document

`resource xml_parser_create([string encoding]) 3.0.6`

Creates an XML parser

`resource xml_parser_create_ns([string encoding[, string sep]]) 4.0.5`

Creates an XML parser

`int xml_parser_free(resource parser) 3.0.6`

Frees an XML parser

`int xml_parser_get_option(resource parser, int option) 3.0.6`

Gets options from an XML parser

`int xml_parser_set_option(resource parser, int option, mixed value) 3.0.6`

Sets options in an XML parser

`int xml_set_character_data_handler(resource parser, string hdl) 3.0.6`

Sets up character data handler

`int xml_set_default_handler(resource parser, string hdl) 3.0.6`

Sets up default handler

`int xml_set_element_handler(resource parser, string shdl, string ehdl) 3.0.6`

Sets up start and end element handlers

`int xml_set_end_namespace_decl_handler(resource parser, string hdl) 4.0.5`

Sets up character data handler

`int xml_set_external_entity_ref_handler(resource parser, string hdl) 3.0.6`

Sets up external entity reference handler

`int xml_set_notation_decl_handler(resource parser, string hdl) 3.0.6`

Sets up notation declaration handler

`int xml_set_object(resource parser, object &obj) 4.0`

Sets up object that should be used for callbacks

`int xml_set_processing_instruction_handler(resource parser, string hdl) 3.0.6`

Sets up processing instruction (PI) handler

`int xml_set_start_namespace_decl_handler(resource parser, string hdl) 4.0.5`

Sets up character data handler

`int xml_set_unparsed_entity_decl_handler(resource parser, string hdl) 3.0.6`

Sets up unparsed entity declaration handler

## XOR 3.0

Language keyword that is similar to the `^` operator, except lower precedence

`resource xslt_create(void) 4.0.3`

Creates a new XSLT processor

`int xslt_erno(resource processor) 4.0.3`

Returns an error number

`string xslt_error(resource processor) 4.0.3`

Returns an error string

`void xslt_free(resource processor) 4.0.3`

Frees the XSLT processor

`string xslt_process(resource processor, string xml, string xslt[, mixed result[, array args[, array params]]) 4.0.3`

Performs the XSLT transformation

`void xslt_set_base(resource processor, string base) 4.0.5`

Sets the base URI for all XSLT transformations

`void xslt_set_encoding(resource processor, string encoding) 4.0.5`

Sets the output encoding for the current stylesheet

`void xslt_set_error_handler(resource processor, mixed error_func) 4.0.4`

Sets the error handler to be called when an XSLT error occurs

`void xslt_set_log(resource processor, string logfile) 4.0.6`

Sets the log file to write the errors to (defaults to stderr)

`void xslt_set_sax_handlers(resource processor, array handlers) 4.0.6`

Sets the SAX handlers to be called when the XML document gets processed

`void xslt_set_scheme_handlers(resource processor, array handlers) 4.0.6`

Sets the scheme handlers for the XSLT processor

`string zend_version(void) 4.0`

Get the version of the Zend Engine

`void zip_close(resource zip) 4.1.0`

Closes a ZIP archive

`void zip_entry_close(resource zip_ent) 4.1.0`

Closes a ZIP entry

`int zip_entry_compressedsize(resource zip_entry) 4.1.0`

Returns the compressed size of a ZIP entry

`string zip_entry_compressionmethod(resource zip_entry) 4.1.0`

Returns a string containing the compression method used on a particular entry

`int zip_entry_filesize(resource zip_entry) 4.1.0`

Returns the actual file size of a ZIP entry

`string zip_entry_name(resource zip_entry) 4.1.0`

Returns the name given a ZIP entry

`bool zip_entry_open(resource zip_dp, resource zip_entry, string mode) 4.1.0`

Opens the ZIP file pointed to by the resource entry

string zip\_entry\_read(resource zip\_ent[, int length]) 4.1.0

Reads bytes from an opened ZIP entry

resource zip\_open(string filename) 4.1.0

Opens a new ZIP archive for reading

resource zip\_read(resource zip) 4.1.0

Returns the next file in the archive